

Revising National SDG Targets for the City of Los Angeles

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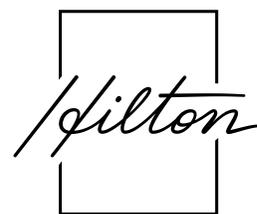
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Project Team



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ABOUT

The Local Data Action Solutions Initiative (LDA-SI) was established as a joint effort between the Sustainable Development Solutions Network's Thematic Research Network on Data and Statistics (SDSN TReNDS) and the U.S.A. Sustainable Cities Initiative as a program with one primary objective: to identify and promote replicable methods for sub-national Sustainable Development Goal (SDG) monitoring that facilitate local action in support of the “leave no one behind” principle. A growing number of subnational actors are attempting to implement the SDGs locally and are confronting specific questions related to data collection and monitoring. With this has grown the need for real, practical lessons and guidance that can be applied to different contexts worldwide.

For this reason, LDA-SI launched a microgrant initiative to support learning from existing subnational SDG data initiatives, harnessing this tacit local knowledge and informing a learning exchange. In 2018, five grantees were chosen both for their proven ability to support SDG implementation in a specified location and for their model's relevance and potential benefit for other sub-national SDG initiatives in the world. Each grantee has prepared a guidance brief that describes SDG localization challenges in the place where they are operating and the data solutions they have designed to support efforts toward SDG achievement.

Learn more at sdstrends.org/local-data-action-microgrants.

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“Los Angeles can, should, and will lead in building the healthier and more prosperous world that we dream of for our children and grandchildren.” – Mayor of Los Angeles Eric Garcetti

ABSTRACT

In October 2017, Mayor Eric Garcetti committed to adopt and implement the Sustainable Development Goals (SDGs) in the City of Los Angeles. With support from the Conrad N. Hilton Foundation, the Mayor’s Office partnered with four local universities to begin a comprehensive mapping of relevant activities and data to the SDG framework, including the 169 targets and 240-plus indicators. As the university students working in support of Los Angeles began to align activity, plans, policies, and data to the Goals, they found that some of the targets were not applicable for city government; UN member states drafted and adopted a framework relevant for national monitoring and reporting.

The students then devised a methodology to assess the application of the 169 targets in the City of Los Angeles, proposing revisions while preserving the intent. In addition, for some of the Goals, the students added new targets to reflect priorities for the City of Los Angeles. This briefing outlines their process and its results: the sum of student-recommended targets for consideration by the Mayor’s Office as they organize the City’s reporting on the SDGs. Other cities or subnational governments can use this methodology to localize the SDG framework, align their priorities and perspectives with the global aspirations, and thus assess progress toward the Goals.

PROBLEM

Los Angeles is a global city, with more than four million residents drawn from all corners of the world. Los Angeles is also home to the busiest port complex in the Western Hemisphere and, in 2018, welcomed more than 50 million visitors through the fourth busiest airport in the world. But Los Angeles also struggles with homelessness, traffic, and other urban trials amplified by concentrations of people and commerce. These challenges are not isolated to Los Angeles, so the City has sought to partner with other cities, both international and domestic, to share solutions and learn from one another. Los Angeles has adopted Agenda 2030, the UN resolution containing the 17 Sustainable Development Goals (SDGs) and 169 subordinate targets, as means by which the City can measure its progress, evaluate collective impact across sectors and geography, and engage in a common language of development.

To support implementation of the SDGs, the Mayor's Office quickly established partnerships with local universities, including the John Parke Young Initiative at Occidental College, the Thunderbird School of Global Management at Arizona State University (ASU), the World Policy Analysis Center at the University of California at Los Angeles (UCLA), and the Institute on Inequalities in Global Health at the University of Southern California (USC). During the summer of 2018, the City brought eighteen students from the four universities together at ASU's Los Angeles campus to map current activity across the public, private, and nonprofit sectors to the SDG framework.

To begin their work, the students inventoried SDG-relevant "activities," defined as any plans, policies, initiatives, measures of impact, services,

or business areas that related back to the targets. During this process, students ran into questions as to whether the targets were relevant to the City. This discussion quickly expanded to whether or not the City intended to track targets for which it did not have primary jurisdiction. The students quickly identified seams in governance between the City of Los Angeles and the County of Los Angeles (comprising 88 cities including L.A. and responsible for, among other things, public health) and the Los Angeles Unified School District (independent of both County and City and responsible for K-12 education). The SDG targets also reference international governance to which the City is not directly a party and does not have the resources or authority. For example, the City of Los Angeles does not have the authority to implement preferential trade status, as this is the province of the federal government in the United States. Neither can the City of Los Angeles directly support foreign aid. As such, the students identified the need to determine if the City could implement the 169 SDG targets as written.

SOLUTION

The objective of this effort was to create a methodology for determining the applicability of a target for the City of Los Angeles, and to propose revisions or additions to the framework that reflect local context. This methodology is a first step that may be used by other sub-national entities to localize the SDGs for their community, while staying true to the intent of the target as adopted.

This methodology consists of a process by which to evaluate the targets for applicability; a rubric created by the students to score each target;

and finally, a framework of revised targets as proposed by the students. A critical component of this methodology includes coordination by the Mayor's Office to validate the proposed revised targets. Once the revised targets are validated by the Mayor's Office, the framework will become the basis for the City's work to identify appropriate indicators and data sources by which to evaluate and share its progress on the Goals. The proposed student framework with revised target language is provided in Annex A.

BUILDING PROCESS

The methodology has five steps:

1. Sort, or group applicable and inapplicable targets
2. "The Golden Rule," or assess necessary revision based on the original intent
3. Revise or replace, or alter the target language as appropriate
4. Develop new targets to align with local context
5. Validate mapped proposed targets to existing City commitments by coordinating revisions with policy owners

1 Sort

In their first pass, students categorized all 169 targets using a binary lens of "applicable" or "not applicable." This first step helped to segregate 69 targets (41 percent) that were applicable from the language written and adopted by the United Nations to the City of Los Angeles. As described

above, many process-oriented targets seek to leverage support for developing countries from developed countries, either directly (through foreign aid and assistance) or indirectly (through favorable treatment within international conventions or global structures governing finance, trade, and investment). Others make reference to shared commitments through other international frameworks or compacts. For these targets, the students had to consider whether the limiting factor was legal—i.e., whether the City lacked the means or authorities to pursue the target—or structural—i.e., the City may not be a member state or party to the framework, but could adopt or implement. A good example of the former is Target 10.a, pertaining to favorable trade status per the World Trade Organization; the City of Los Angeles has no authority to implement this, as mentioned above. An example of the latter is Target 11.b, which reads, “By 2020, substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all levels.” In this case, Los Angeles has partnered with the UN Office for Disaster Risk Reduction and is an active member of the Rockefeller Foundation’s 100 Resilient Cities initiative, publishing the “Resilient Los Angeles” strategy in March 2018. With this alignment in policy, Target 11.b is applicable and the City’s activities are well aligned, though the City is neither a member state nor directly party to the agreement.

2 The Golden Rule

The second step revisited the list of 100 targets that were deemed “not applicable” and considered whether the target language could be revised in order to make the target apply for the City. Most of the targets deemed “not applicable” received this designation because of the legal/structural reasons cited above, or because the defining measure or population was not appropriate for the City of Los Angeles. As an example of the former, the very first target under SDG 1 (End Poverty)—Target 1.1—reads, “By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than US\$1.25 a day.”

Globally and locally, US\$1.25 per day is certainly a marker of extreme poverty. But as a developed economy, US\$1.25 a day would set too low a bar for the City of L.A. and actually leave out many people who struggle with the affordability of basic costs, like housing. Revising the measure can give us a better marker for those in our community who are facing extreme poverty or approaching that marker. Adjusting the measure of US\$1.25 per day to another planning factor will better define a target for the City that honors the intent to make real progress on eradicating extreme poverty without artificially minimizing the problem. Thus, revising this target to a marker reflective of extreme poverty in Los Angeles will make it both applicable and worthwhile for the City and, depending on the data source, demonstrate how extreme poverty manifests along specific geographic or demographic subgroups, allowing for a more focused response.

Other targets deemed “not applicable” in the first step may require language reframing the target to reflect specific values in Los Angeles. One such value is to ensure belonging and representation for all genders. References to binary gender appears throughout target language in the framework. Under SDG 4 (Quality Education), Target 4.1 reads, “By 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes.” Particularly in places around the world where girls are denied access to equitable, quality education, explicitly denoting these two genders may be a way of emphasizing inclusivity. However, the target can be revised to read, “By 2030, ensure that all children complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes,” because not all children may identify as a binary gender. We believe this change is in line with the Goal as written, to ensure equitable and inclusive quality education for all. It also better reflects how Los Angeles will choose to approach this target and other targets with language that does not impose binary limitations on gender. The output of this second step was to use the Golden Rule to identify which “not applicable” targets could be revised, keep the intent of the original, and isolate the specific language that rendered it so.

3 Revision and Replacement

Focusing on the isolated language, the students began the third step: considering whether the structural issue, defined measure, or population could be revised to make the target “applicable.” It is worth noting that the students, with direction from the City, endeavored to include or adapt

as many targets as possible in order to maintain the City's commitment to implement the framework holistically.

For those “not applicable” targets that could not be revised with a swap in language, the team proposed replacement language. The students referred to this as the “Mischief Rule,” meaning that the purpose of the original target could be supported, but only with new language applicable for the context and authority of the City. Only five targets met this standard. A good example is Target 17.11, which reads, “Significantly increase the exports of developing countries, in particular with a view to doubling the least developed countries' share of global exports by 2020.”

The City of Los Angeles can embrace the spirit of this target by supporting international trade between local businesses and those in developing countries rather than traditional commerce controls reserved for national governments. The students proposed replacement language that reads, “Support developing countries by seeking to increase trade between businesses in Los Angeles and developing countries.”

Another example of a replacement target is 8.10, which reads, “Strengthen the capacity of domestic financial institutions to encourage and expand access to banking, insurance and financial services for all.” While the City has few mechanisms to strengthen the capacity of domestic financial institutions, encouraging expanded access to financial services (particularly for those who have been structurally isolated or disenfranchised) is a priority. The City can also consider non-traditional financial mechanisms as part of this effort, and the proposed replacement reads, “Encourage the

expansion and greater access for all to banking, insurance and traditional and emerging financial services.” This language includes opportunities for greater access that may result from new technology (such as blockchain) or evolutions of service provision (such as the sharing economy).

4 Classification and Gap Analysis

In the fourth step, the students proposed the whole revised framework, scoring each of the targets based on a rubric reflecting the degree to which the target was modified. This meant a score of 0 represented a target not applicable for the City; 1, a target with no revision; 2, a target with revision based on an adjustment of terms; 3, a replacement target; and 4, a new target. This scoring helped us to quantify how many of the targets were revised from the original framework as adopted by the UN member states and by how much those targets were changed. This step included looking for opportunities across the framework where new targets may be appropriate to capture sustainable development priorities; this could be done both by an individual city or sub-national government and as a collective. This can also be done at the indicator level, selecting data measures that demonstrate more specific or local progress or impact.

For example, SDG 5–Gender Equality—is a priority for the City of Los Angeles. In this step, the students proposed only two revisions to the targets within this Goals. First, Target 5.6 was revised from “Ensure universal access to sexual and reproductive health and reproductive rights as agreed in accordance with the Programme of Action of the International Conference on Population and Development and the Beijing Platform for Action and the outcome documents of their review conferences” to “Ensure

universal access to sexual and reproductive health and reproductive rights.”

Second, students proposed a new target within SDG 5 (Gender Equity) to address LGBTQIA+ rights, on which the SDG framework as adopted is unacceptably silent. That target, 5.x, reads, “End discrimination against LGBTQIA+ persons and ensure that LGBTQIA+ persons have equal access to services and employment opportunities.”

The rubric created by the students is captured in Table 1. That revised framework, as proposed, is provided in Annex A of this brief. Of the 169 targets and including revision or replacement, all but 13 are included for a total of 156 (+1, the proposed 5.x) targets. 69 are applicable without any revision.

Table 1. Rubric for Degree of Target Modification

Legend	Description
0	NOT APPLICABLE (This SDG target does not apply at the local level.)
1	LITERAL (The SDG target as written applies to the City of Los Angeles.)
2	TARGET REVISED (The SDG target as written does not apply, but can be revised to apply to the City of Los Angeles.)
3	TARGET REVISED (The SDG target as written does not apply, but can be revised to apply to the City of Los Angeles.)
4	TARGET ADDED (A new target should be added for the City of Los Angeles.)

5 Validation

The fifth and final step, and by far the most time consuming, is for the Mayor's Office to coordinate and validate these proposed revisions with relevant policy leads throughout the City; at the time of publication, this is in progress. Many revisions, particularly those where a policy lead is clearly defined and that are seeking to expand a population identified by the target language, will be easy. Others, like those that require a particular numeric measure, will require consultation with multiple leads. This process is ongoing in the City, and the Mayor's Office will determine which of the revised targets recommended by the students will become a part of the overall framework by which the City of Los Angeles will measure progress toward the Goals. This will depend on a more discreet mapping of these revised targets to commitments already in place through approved plans, policies, initiatives, and Executive Directives.

Selecting the best measure may also yield multiple options based on prospective indicators and data sources that can support measuring progress on that target. A revised framework for the City of Los Angeles, when fully adopted, may have multiple targets that each reflect different quantitative measures. Again using Targets 1.1 and 1.2 as examples, measuring extreme poverty and the proportion of all people living in poverty depends on an appropriate definition for those terms in the City of Los Angeles. With respect to the US\$1.25 per day marker, the students looked at several different measures, including the national poverty line (US\$12,490 annually, or US\$34 per day); the 2018 minimum wage of US\$12.00 per hour

(US\$24,960 annually, or nearly US\$68 per day); or a cost-of-living-based figure, such as the United Way of California’s annual “Real Cost Measure” report (US\$26,270 annually, or US\$72 per day). There is work yet to be done to finalize our framework in Los Angeles, and that work will require consultation and engagement with stakeholders from across the City and the community. Simultaneously, we will gather the data to support these different indicators and also examine what those sources can teach us about how best to accelerate progress on these overall Goals.

STRENGTHS AND WEAKNESSES

While part of a larger effort to capture the data and activities related to the SDGs within Los Angeles, not to mention identify potential new initiatives for partnerships and progress, the experience of “localizing” the SDG framework at the target level has been worthwhile and has also raised several considerations for the City. Descriptions of three strengths and two weaknesses follow.

More context equals greater alignment. The SDGs are far from the only Goals or targets that have been adopted by the City of Los Angeles. Our Sustainable City pLAn was first published in 2014, setting aggressive markers for progress against dozens of environmental, economic, and equity targets over 20 years. In most cases, these targets are more granular than the targets within the SDG framework and inherently more local. A strength of the proposed revised SDG targets is that it allows for better alignment to these existing plans, and likewise highlights where they diverge.

The alignment helps to identify and group indicators already in place for the City, and also provides a means of communicating local efforts through the international framework of the SDGs. The Sustainable City pLAN will be updated and released in 2019, offering a chance for the SDG framework to add value in that process.

Don't claim early victory. In some of the revised targets, particularly those with a quantifiable measure, the students have proposed a more aggressive marker than adopted by the UN member states. This is a strength in that, rather than claiming victory on a given target, looking at the data from a disaggregated perspective may tell a different story. A great example is Target 3.1, which seeks to reduce maternal mortality to fewer than 70 per 100,000 live births. In 2016, the state of California reported fewer than 7.3 maternal deaths per 100,000, an order of magnitude less than the global goal. However, statistics also show that, despite the low rate of maternal mortality, African American mothers (regardless of educational attainment or socioeconomic status) die at three to four times the average rate. So in seeking to revise the target, data shows that Los Angeles could pursue a reduction in that mortality rate, but ensure equitable reductions as well. In selecting that revised number, using the global benchmarks likewise provides a guide. If the current rate of maternal mortality is 216 per 100,000 live births, achieving 70 would represent a reduction of more than 67 percent. Applying a similar reduction to the revised target language, based on the current 7.3 in California, would be just under 5 per 100,000 and include the language “for every race and ethnic group.” This localization therefore focuses the target to a measure with ambition and meaning

for the community of Los Angeles. There are also seams in jurisdiction and ownership that impact this particular target. For example, the County of Los Angeles oversees public health resources, including hospitals. So reflecting on current commitments or policy initiatives on this target, the appropriate policy owner is not the City of Los Angeles, but another public sector entity.

Lead by example to leave no one behind. Another strength of the proposed revisions to the framework is that they make an important statement about equity and inclusion in support of all sexual orientations, gender identities and expressions, and sex characteristics. Revising language from “girls and boys” to “all children,” or from “men and women” to “all people” is a small change that embraces the motto of the SDGs—to “leave no one behind.” In the community of Los Angeles, this revised language better reflects key values of welcome and belonging. Moreover, the revised language may incentivize other communities, corporations, and organizations to likewise adjust their targets, and allow for collaboration on how best to find or develop indicators and mobilize strategies to accelerate progress on both the target and overall equity.

Localization may be isolating. Revisions to the targets that add context for Los Angeles may broaden the appeal to the community of local stakeholders, but may decrease the ability for other cities to share in those revisions or indicators. This can impact the ability for Los Angeles to benchmark itself against other cities or to share in specific findings that may be unique based on the revised language. For this reason, Los Angeles may find

maintaining consistent indicators, as defined by a standard like the World Council on City Data's ISO 37120, are useful despite changes at the target level.

Multiple targets could mean a lot of noise. Alternatively, Los Angeles may find that localizing the framework leads to multiple target measures and indicators, effectively creating fractals of values for each revised target. This could enrich a discussion around how to use these indicators to inform policy choices, but it could also create unnecessary noise and dilute progress measures if the goal posts are in always in motion. Purely from a capacity standpoint, sourcing and maintaining multiple measures within a single target may also be superfluous and distract from efforts to mobilize progress on the target itself. This also creates complexity by effectively creating multiple “dialects” within the common language of the SDG framework.

Efforts to implement the SDGs in Los Angeles have put the City in conversation with global partners, all committed to a common language and shared purpose. In some cases, this common language extends to the indicators and data sources we use to evaluate progress. In others, achieving and measuring meaningful progress necessitates adjusting a target to reflect the context of a city like Los Angeles. Finding the balance—of how best to communicate and implement a target framework relevant for all communities in Los Angeles, while demonstrating a contribution to the collective impact of the Goals—will depend on engagement both within the City and with stakeholders locally and globally.

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ANNEXES

Annex A. Revised Framework for the City of Los Angeles

RUBRIC	SDG	TARGET	TARGET DESCRIPTION - REVISED/CLEAN (Student recommendations proposed, undergoing validation)
2	1	1.1	By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$33 per day
1	1	1.2	By 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions
2	1	1.3	Implement locally appropriate social protection systems and measures for all, including floors, and by 2030 achieve substantial coverage of the poor and the vulnerable
1	1	1.4	By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance
1	1	1.5	By 2030, build the resilience of the poor and those in vulnerable situations and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters
2	1	1.a	Ensure significant mobilization of resources from a variety of sources, including through enhanced development cooperation, to implement programmes and policies to end poverty in all its dimensions according to local standards
2	1	1.b	Create sound policy frameworks at the local, national, regional and international levels, based on pro-poor and gender-sensitive development strategies, to support accelerated investment in poverty eradication actions
1	2	2.1	By 2030, end hunger and ensure access by all people, in particular the poor and people in vulnerable situations, including infants, to safe, nutritious and sufficient food all year round
1	2	2.2	By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older person
2	2	2.3	By 2030, increase the agricultural productivity and incomes of small-scale food producers, in particular women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets and opportunities for value addition and non-farm employment
2	2	2.4	By 2030, ensure sustainable food production systems and implement resilient agricultural practices that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality
0	2	2.5	By 2020 maintain genetic diversity of seeds, cultivated plants, farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at national, regional and international levels, and ensure access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge as internationally agreed
2	2	2.a	Increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development in order to enhance agricultural productive capacity

0	2	2.b	Correct and prevent trade restrictions and distortions in world agricultural markets, including through the parallel elimination of all forms of agricultural export subsidies and all export measures with equivalent effect, in accordance with the mandate of the Doha Development Round
0	2	2.c	Adopt measures to ensure the proper functioning of food commodity markets and their derivatives and facilitate timely access to market information, including on food reserves, in order to help limit extreme food price volatility
2	3	3.1	By 2030, reduce the maternal mortality ratio to less than five per 100,000 live births for every race and ethnic group
2	3	3.2	By 2030, end preventable deaths of newborns and children under 5 years of age, aiming to reduce neonatal mortality to at least as low as three per 1,000 live births and under-5 mortality to at least as low as four per 1,000 live births
1	3	3.3	By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases
2	3	3.4	By 2030, reduce premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being
1		3.5	Strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol
2	3	3.6	By 2025, eliminate all traffic deaths
2	3	3.7	By 2030, ensure universal access to sexual and reproductive health-care services, including for family planning, information and education, and the integration of reproductive health into local strategies and programmes
2	3	3.8	Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all, regardless of income or status
2	3	3.9	By 2030, halve the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination
1	3	3.a	Strengthen the implementation of the World Health Organization Framework Convention on Tobacco Control in all countries, as appropriate
3	3	3.b	Support the research and development of vaccines and medicines for communicable and non-communicable diseases. Ensure that all individuals, especially parents with school-age children, are given affordable and reliable access to essential medicines and vaccines.
2	3	3.c	Increase health financing and the recruitment, development, training and retention of the health workforce, focusing on areas of greatest need
2	3	3.d	Strengthen the capacity for early warning, risk reduction, and management of national and global health risks
2	4	4.1	By 2030, ensure that all children complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes
2	4	4.2	By 2030, ensure that all children have access to quality early childhood development, care and pre-primary education so that they are ready for primary education
2	4	4.3	By 2030, ensure equal access for all youth and adults to affordable and quality technical, vocational and tertiary education, including university
1	4	4.4	By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship
1	4	4.5	By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations
2	4	4.6	By 2030, ensure that all youth and adults, of all genders, achieve literacy and numeracy

1	4	4.7	By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development
1	4	4.a	Build and upgrade education facilities that are child, disability and gender sensitive and provide safe, non-violent, inclusive and effective learning environments for all
2	4	4.b	By 2020, substantially expand the number of scholarships available for enrollment in higher education, including vocational training and information and communications technology, technical, engineering and scientific programmes within the City of Los Angeles
0	4	4.c	By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing States"
1	5	5.1	End all forms of discrimination against all women and girls everywhere
1		5.2	Eliminate all forms of violence against all women and girls in the public and private spheres, including trafficking and sexual and other types of exploitation
1	5	5.3	Eliminate all harmful practices, such as child, early and forced marriage and female genital mutilation
1	5	5.4	Recognize and value unpaid care and domestic work through the provision of public services, infrastructure and social protection policies and the promotion of shared responsibility within the household and the family as nationally appropriate
1	5	5.5	Ensure women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic and public life
2	5	5.6	Ensure universal access to sexual and reproductive health and reproductive rights
1	5	5.a	Undertake reforms to give women equal rights to economic resources, as well as access to ownership and control over land and other forms of property, financial services, inheritance and natural resources, in accordance with national laws
1	5	5.b	Enhance the use of enabling technology, in particular information and communications technology, to promote the empowerment of women
1	5	5.c	Adopt and strengthen sound policies and enforceable legislation for the promotion of gender equality and the empowerment of all women and girls at all levels
4	*5	5.x*	End all forms of discrimination against LGBTQIA+ persons and ensure that LGBTQIA+ persons have equal access to services, education, and employment opportunities
1	6	6.1	By 2030, achieve universal and equitable access to safe and affordable drinking water for all
1	6	6.2	By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations
2	6	6.3	By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse
1	6	6.4	By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity
1	6	6.5	By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate
1	6	6.6	By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes

2	6	6.a	By 2030, expand cooperation and capacity-building support to local and community efforts related to water- and sanitation activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies
1	6	6.b	Support and strengthen the participation of local communities in improving water and sanitation management
1	7	7.1	By 2030, ensure universal access to affordable, reliable and modern energy services
2	7	7.2	By 2030, increase substantially the share of renewable energy in the local energy mix
2	7	7.3	By 2030, increase the local rate of improvement in energy efficiency
2	7	7.a	By 2030, enhance international, regional, and local cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology
2	7	7.b	By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all, in particular underserved communities
2	8	8.1	Sustain local per capita economic growth in accordance with national circumstances and, in particular, equitable gross domestic product growth per annum across all communities
1	8	8.2	Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors
1	8	8.3	Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services
2	8	8.4	Improve progressively, through 2030, local resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation, in accordance with the 10-Year Framework of Programmes on Sustainable Consumption and Production
2	8	8.5	By 2030, achieve full and productive employment and decent work for all, including for young people and persons with disabilities, and equal pay for work of equal value
1	8	8.6	By 2020, substantially reduce the proportion of youth not in employment, education or training
2	8	8.7	Take immediate and effective measures to eradicate forced labour, end modern slavery and human trafficking and secure access to labor rights and equitable pay
1	8	8.8	Protect labour rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment
1	8	8.9	By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products
3	8	8.10	Encourage the expansion and greater access for all to banking, insurance and traditional and emerging financial services.
0	8	8.a	Increase Aid for Trade support for developing countries, in particular least developed countries, including through the Enhanced Integrated Framework for Trade-Related Technical Assistance to Least Developed Countries-
2	8	8.b	By 2020, develop and operationalize a local strategy for youth employment and implement the Global Jobs Pact of the International Labour Organization
2	9	9.1	Develop quality, reliable, sustainable and resilient infrastructure, including local, regional, and trans-border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all

2	9	9.2	Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances
2	9	9.3	Increase the access of small-scale industrial and other enterprises, particularly for underserved communities, to financial services, including affordable credit, and their integration into value chains and markets
2	9	9.4	By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes
2	9	9.5	Enhance scientific research, upgrade the technological capabilities of industrial sectors, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers and public and private research and development spending
2	9	9.a	Facilitate sustainable and resilient infrastructure development through enhanced financial, technological and technical support to underserved and unserved communities
2	9	9.b	Support technology development, research and innovation, including by ensuring a conducive policy environment for, inter alia, industrial diversification and value addition to commodities
2	9	9.c	Significantly increase access to information and communications technology and strive to provide universal and affordable access to the Internet by 2020
2	10	10.1	By 2030, progressively achieve and sustain income growth of the bottom 40 per cent of the population at a rate higher than the national average to significantly reduce the wage gap, paying special attention to age, sex, disability, race, ethnicity, origin, religion or economic or other status
1	10	10.2	By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status
1	10	10.3	Ensure equal opportunity and reduce inequalities of outcome, including by eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and action in this regard
1	10	10.4	Adopt policies, especially fiscal, wage and social protection policies, and progressively achieve greater equality
0	10	10.5	Improve the regulation and monitoring of global financial markets and institutions and strengthen the implementation of such regulations
2	10	10.6	Ensure enhanced representation and voice for underrepresented populations and communities in decision-making in global international economic and financial institutions in order to deliver more effective, credible, accountable and legitimate institutions
2	10	10.7	Facilitate orderly, safe, regular and responsible migration and mobility of people, including through the implementation of planned and well-managed migration policies taking into consideration the needs of refugees and undocumented persons
0	10	10.a	Implement the principle of special and differential treatment for developing countries, in particular least developed countries, in accordance with World Trade Organization agreements
0	10	10.b	Encourage official development assistance and financial flows, including foreign direct investment, to States where the need is greatest, in particular least developed countries, African countries, small island developing states and landlocked developing countries, in accordance with their national plans and programmes
0	10	10.c	By 2030, reduce to less than 3 per cent the transaction costs of migrant remittances and eliminate remittance corridors with costs higher than 5 per cent

2	11	11.1	By 2030, ensure access for all to adequate, safe and affordable housing and basic services
1	11	11.2	By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons
1	11	11.3	By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries
2	11	11.4	Strengthen efforts to protect and safeguard the cultural and natural heritage of Los Angeles
2	11	11.5	By 2030, significantly reduce the number of deaths and the number of people affected and substantially decrease the direct economic losses caused by disasters, including water-related disasters, with a focus on protecting the poor and people in vulnerable situations
1	11	11.6	By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management
1	11	11.7	By 2030, provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities
2	11	11.a	Support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening local and regional development planning
1	11	11.b	By 2020, substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all levels
2	11	11.c	Support all communities, including the underserved and unserved, through financial and technical assistance, in building sustainable and resilient buildings utilizing local materials
3	12	12.1	Localize the 10-Year Framework of Programmes on Sustainable Consumption and Production Patterns, with a focus on creating new job/market opportunities and contributing to poverty eradication and social development and environmental sustainability at the City level through increased stakeholder engagement
1	12	12.2	By 2030, achieve the sustainable management and efficient use of natural resources
2	12	12.3	By 2030, halve per capita local food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses
2	12	12.4	By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed national and local standards, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment
1	12	12.5	By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse
2	12	12.6	Encourage companies located or operating in Los Angeles to adopt sustainable practices and to integrate sustainability information into their reporting cycle
2	12	12.7	Promote public procurement practices that are sustainable, in accordance with national, state, and city-level policies and priorities
1	12	12.8	By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature
2	12	12.a	Support all entities in Los Angeles to strengthen their scientific and technological capacity to move towards more sustainable patterns of consumption and production

1	12	12.b	Develop and implement tools to monitor sustainable development impacts for sustainable tourism that creates jobs and promotes local culture and products
2	12	12.c	Rationalize inefficient fossil-fuel subsidies that encourage wasteful consumption by removing market distortions, in accordance with local circumstances, including by restructuring taxation and phasing out those harmful subsidies, where they exist, to reflect their environmental impacts, taking fully into account the specific needs and conditions of communities within Los Angeles and minimizing the possible adverse impacts on their development in a manner that protects the poor and otherwise affected communities
2	13	13.1	Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all community plan areas
2	13	13.2	Integrate climate change measures into all city policies, strategies and planning
1	13	13.3	Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning
0	13	13.a	Implement the commitment undertaken by developed country parties to the United Nations Framework Convention on Climate Change to a goal of mobilizing jointly \$100-billion annually by 2020 from all sources to address the needs of developing countries in the context of meaningful mitigation actions and transparency on implementation and fully operationalize the Green Climate Fund through its capitalization as soon as possible
2	13	13.b	Promote mechanisms for raising capacity for effective climate change-related planning and management, including focusing on women, youth and local and marginalized communities
1	14	14.1	By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution
1	14	14.2	By 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans
1	14	14.3	Minimize and address the impacts of ocean acidification, including through enhanced scientific cooperation at all levels
1	14	14.4	By 2020, effectively regulate harvesting and end overfishing, illegal, unreported and unregulated fishing and destructive fishing practices and implement science-based management plans, in order to restore fish stocks in the shortest time feasible, at least to levels that can produce maximum sustainable yield as determined by their biological characteristics
2	14	14.5	By 2020, conserve at least 10 per cent of coastal and marine areas, consistent with national and local law and based on the best available scientific information
0	14	14.6	By 2020, prohibit certain forms of fisheries subsidies which contribute to overcapacity and overfishing, eliminate subsidies that contribute to illegal, unreported and unregulated fishing and refrain from introducing new such subsidies, recognizing that appropriate and effective special and differential treatment for developing and least developed countries should be an integral part of the World Trade Organization fisheries subsidies negotiation
2	14	14.7	By 2030, increase the economic benefits to coastal community plan areas from the sustainable use of marine resources, including through sustainable management of fisheries, aquaculture and tourism
2	14	14.a	Increase scientific knowledge, develop research capacity and transfer marine technology, taking into account the Intergovernmental Oceanographic Commission Criteria and Guidelines on the Transfer of Marine Technology, in order to improve ocean health and to enhance the contribution of marine biodiversity
1	14	14.b	Provide access for small-scale artisanal fishers to marine resources and markets

2	14	14.c	Enhance the conservation and sustainable use of oceans and their resources by supporting international law as reflected in UNCLOS, which provides the legal framework for the conservation and sustainable use of oceans and their resources, as recalled in paragraph 158 of The Future We Want
2	15	15.1	By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international, national, state, and city guidelines
2	15	15.2	By 2020, promote the implementation of sustainable management of all types of forests, including the Santa Monica Mountains and other natural areas within and bordering the City of Los Angeles, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation
1	15	15.3	By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world
1	15	15.4	By 2030, ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for sustainable development
1	15	15.5	Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species
1	15	15.6	Promote fair and equitable sharing of the benefits arising from the utilization of genetic resources and promote appropriate access to such resources, as internationally agreed
1	15	15.7	Take urgent action to end poaching and trafficking of protected species of flora and fauna and address both demand and supply of illegal wildlife products
1	15	15.8	By 2020, introduce measures to prevent the introduction and significantly reduce the impact of invasive alien species on land and water ecosystems and control or eradicate the priority species
1	15	15.9	By 2020, integrate ecosystem and biodiversity values into national and local planning, development processes, poverty reduction strategies and accounts
1	15	15.a	Mobilize and significantly increase financial resources from all sources to conserve and sustainably use biodiversity and ecosystems
2	15	15.b	Mobilize significant resources from all sources and at all levels to finance sustainable forest management and provide adequate incentives to advance such management, including for conservation and reforestation
1	15	15.c	Enhance global support for efforts to combat poaching and trafficking of protected species, including by increasing the capacity of local communities to pursue sustainable livelihood opportunities
1	16	16.1	Significantly reduce all forms of violence and related death rates everywhere
1	16	16.2	End abuse, exploitation, trafficking and all forms of violence against and torture of children
2	16	16.3	Promote the rule of law at the city level and ensure equal access to justice for all
1	16	16.4	By 2030, significantly reduce illicit financial and arms flows, strengthen the recovery and return of stolen assets and combat all forms of organized crime
1	16	16.5	Substantially reduce corruption and bribery in all their forms
1	16	16.6	Develop effective, accountable and transparent institutions at all levels
1	16	16.7	Ensure responsive, inclusive, participatory and representative decision-making at all levels
2	16	16.8	Broaden and strengthen the awareness and participation of city and local communities, especially those traditionally underserved and marginalized, in the institutions of local and global governance
1	16	16.9	By 2030, provide legal identity for all, including birth registration

2	16	16.10	Ensure public access to information and protect fundamental freedoms, in accordance with city, state, and national legislation and international agreements
2	16	16.a	Strengthen relevant national institutions, including through regional, state, national, and international cooperation, for building capacity at all levels, in particular in cities, to prevent violence and combat terrorism and crime
2	16	16.b	Promote, enforce, and where absent, create non-discriminatory laws and policies for sustainable development
2	17	17.1	Strengthen local resource mobilization with other global cities, to improve local capacity for tax and other revenue collection
0	17	17.2	Developed countries to implement fully their official development assistance commitments, including the commitment by many developed countries to achieve the target of 0.7 per cent of gross national income for official development assistance (ODA/GNI) to developing countries and 0.15 to 0.20 per cent of ODA/GNI to least developed countries; ODA providers are encouraged to consider setting a target to provide at least 0.20 per cent of ODA/GNI to least developed countries
3	17	17.3	Promote resource mobilization from multiple resources to reduce local barriers that complicate the outflow of remittances to developing countries
0	17	17.4	Assist developing countries in attaining long term debt sustainability through coordinated policies aimed at fostering debt financing, debt relief and debt restructuring, as appropriate, and address the external debt of highly indebted poor countries to reduce debt distress
2	17	17.5	Using LA's public-private networks, assist global Sustainable Development Goals partners in developing countries to adopt and implement investment promotion regimes focused on their communities
2	17	17.6	Support North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation and enhance knowledge-sharing on mutually agreed terms, including through improved coordination among existing mechanisms, and through a global technology facilitation mechanism
2	17	17.7	Promote the development, transfer, dissemination and diffusion of environmentally sound technologies to underserved communities and developing countries through public-private partnerships and resources
2	17	17.8	Fully operationalize the technology bank and science, technology and innovation capacity-building mechanism for disadvantaged communities, foreign and domestic, and enhance the use of enabling technology, in particular information and communications technology
2	17	17.9	Enhance local and international support for implementing effective and targeted capacity-building in underserved and unserved communities and developing countries to support plans to implement all the Sustainable Development Goals
2	17	17.10	Use global partnerships on the Sustainable Development Goals to promote a universal, rules-based, open, non-discriminatory and equitable multilateral best-practices driven trading system, such as cooperative databases and open data platforms
3	17	17.11	Support developing countries by seeking to increase trade between businesses in Los Angeles and developing countries.
2	17	17.12	Realize timely implementation of duty-free and quota-free market access on a lasting basis for all emerging industries and small, local businesses, including by ensuring that preferential rules applicable to goods and services are transparent and simple, and contribute to facilitating market access
2	17	17.13	Support and promote policies that enhance global macroeconomic stability, including through policy coordination and policy coherence
1	17	17.14	Enhance policy coherence for sustainable development

1	17	17.15	Respect each country's policy space and leadership to establish and implement policies for poverty eradication and sustainable development
2	17	17.16	Enhance the global partnership for sustainable development, complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technology and financial resources, to support the achievement of the sustainable development goalson all levels including local, regional, state, national, and international
1	17	17.17	Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships
2	17	17.18	By 2020, utilize global partnerships to enhance capacity-building, to increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, ethnicity, migratory status, disability, geographic location and other characteristics relevant in local and international contexts
2	17	17.19	By 2030, build on existing initiatives to develop measurements of progress on sustainable development that complement gross domestic product, and support statistical capacity-building locally and internationally

Annex B. Revised SDG Targets and Resilient Los Angeles



Alignment of the (Proposed Revised) SDG Targets to Resilient Los Angeles' Actions

Legend for proposed revision to original SDG target language and mapping to Resilient LA	
0	NOT APPLICABLE (This SDG target does not apply at the local level)
1	LITERAL (The SDG target as written applies to the City of Los Angeles)
2	TARGET REVISED (The SDG target as written does not apply, but can be revised to apply to the City of Los Angeles)
3	TARGET REPLACED (The SDG target as written does not apply, but can be replaced with a target for the City of Los Angeles with similar intent)
4	TARGET ADDED (A new target should be added for the City of Los Angeles)
--	= No related action in Resilient LA

Sustainable Development Goals (157 revised Targets, pending validation)		Resilient Los Angeles (96 Actions, released March 2, 2018)	
Goal 1: No Poverty End Poverty in all its forms everywhere			
2	1.1 By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$33 per day		10. Establish a capital project pipeline that creates living wage jobs for Los Angeles' most disadvantaged
1	1.2 By 2030, reduce at least by half the proportion of men, women, and children of all ages living in poverty in all its dimensions according to national definitions		13. Identify, cultivate, and incubate high-growth sectors while promoting economic mobility
2	1.3 Implement locally appropriate social protection systems and measures for all, including floors, and by 2030 achieve substantial coverage of the poor and the vulnerable		12. Increase access to free wi-fi to help reduce technology disparities 39. Invest in healthy and safe housing to improve public health and increase equity 55. Double the pace of affordable housing production and preservation and triple production of new permanent supportive housing by changing regulation, adopting new financing mechanisms, and exploring adaptive re-use of publicly-owned sites 60. Establish neighborhood-based, short- and long-term post disaster housing plans
1	1.4 By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance		12. Increase access to free wi-fi to help reduce technology disparities 90. Launch an earthquake early warning system
1	1.5 By 2030, build the resilience of the poor and those in vulnerable situations and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters		90. Launch an earthquake early warning system for Los Angeles
2	1.a Ensure significant mobilization of resources from a variety of sources, including through enhanced development cooperation, to implement programmes and policies to end poverty in all its dimensions according to local standards		9. Expand access to financial literacy and security resources for all Angelenos 10. Establish a capital project pipeline that creates living wage jobs for Los Angeles' most disadvantaged 13. Identify, cultivate, and incubate high-growth sectors while promoting economic mobility 14. Expand partnerships that encourage reintegration and successful reentry of previously incarcerated individuals.
2	1.b Create sound policy frameworks at the local, national, regional and international levels, based on pro-poor and gender-sensitive development strategies, to support accelerated investment in poverty eradication actions		9. Expand access to financial literacy and security resources for all Angelenos 10. Establish a capital project pipeline that creates living wage jobs for Los Angeles' most disadvantaged 13. Identify, cultivate, and incubate high-growth sectors while promoting economic mobility 14. Expand partnerships that encourage reintegration and successful reentry of previously incarcerated individuals. 56. Promote and expand housing options for vulnerable populations such as chronically homeless and homeless veterans and victims of domestic violence and human trafficking

	Goal 2: Zero Hunger End hunger, achieve food security, and improved nutrition and promote sustainable agriculture		
	Targets		
1	2.1 By 2030, end hunger and ensure access by all people, in particular the poor and people in vulnerable situations including infants, to safe, nutritious and sufficient food all year round.		37. Expand Partnerships and Programs to Reduce Neighborhood Food Disparities 89. Expand climate and emergency preparedness throughout our local food system
1	2.2 By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons		37. Expand Partnerships and Programs to Reduce Neighborhood Food Disparities
2	2.3 By 2030, increase the agricultural productivity and incomes of small-scale food producers, in particular women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets and opportunities for value addition and non-farm employment		--
2	2.4 By 2030, ensure sustainable food production systems and implement resilient agricultural practices that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality		86. Encourage increased access to emergency power for critical services 89. Expand Climate and Emergency Preparedness Throughout Our Local Food System
0	2.5 By 2020 maintain genetic diversity of seeds, cultivated plants, farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at national, regional and international levels, and ensure access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge as internationally agreed		--
2	2.A Increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development in order to enhance agricultural productive capacity		--
0	2.B Correct and prevent trade restrictions and distortions in world agricultural markets, including through the parallel elimination of all forms of agricultural export subsidies and all export measures with equivalent effect, in accordance with the mandate of the Doha Development Round		--
0	2.C Adopt measures to ensure the proper functioning of food commodity markets and their derivatives and facilitate timely access to market information, including on food reserves, in order to help limit extreme food price volatility		--
	Goal 3: Good Health and Well-Being Ensure healthy lives and promote well-being for all at all ages		
	Targets		
2	3.1 By 2030, reduce the maternal mortality ratio to less than five per 100,000 live births for every race and ethnic group		--
2	3.2 By 2030, end preventable deaths of newborns and children under 5 years of age, aiming to reduce neonatal mortality to at least as low as three per 1,000 live births and under-5 mortality to at least as low as four per 1,000 live births		--
1	3.3 By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases		88. Fortify public health and healthcare critical infrastructure and leverage partnerships with public health organizations to improve community health and wellness.
2	3.4 By 2030, reduce premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being		88. Fortify public health and healthcare critical infrastructure and leverage partnerships with public health organizations to improve community health and wellness.
1	3.5 Strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol		88. Fortify public health and healthcare critical infrastructure and leverage partnerships with public health organizations to improve community health and wellness.
2	3.6 By 2025, eliminate all traffic deaths		Page 18, Introduction references the City's Vision Zero plan to eliminate traffic-related fatalities.

2	3.7 By 2030, ensure universal access to sexual and reproductive health-care services, including for family planning, information and education, and the integration of reproductive health into local strategies and programmes		88. Fortify public health and healthcare critical infrastructure and leverage partnerships with public health organizations to improve community health and wellness.
2	3.8 Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all, regardless of income or status		88. Fortify public health and healthcare critical infrastructure and leverage partnerships with public health organizations to improve community health and wellness.
2	3.9 By 2030, halve the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination		39. Invest in healthy and safe housing to improve public health and increase equity 74. Transition to zero-emissions technology at the port of L.A. to reduce emissions, improve air quality, and build disaster resilience 75. Transition to fossil-fuel-free streets to fight air pollution and help tackle the global threat of climate change 77. Implement stormwater projects that reduce pollution and capture local water supply.
1	3.A Strengthen the implementation of the World Health Organization Framework Convention on Tobacco Control in all countries, as appropriate		--
3	3.B Support the research and development of vaccines and medicines for communicable and non-communicable diseases. Ensure that all individuals, especially parents with school-age children, are given affordable and reliable access to essential medicines and vaccines.		--
2	3.C Increase health financing and the recruitment, development, training and retention of the health workforce, focusing on areas of greatest need		--
2	3.D Strengthen the capacity for early warning, risk reduction, and management of national and global health risks		1. Launch a coordinated preparedness campaign that encourages Angelenos to take actions that improve their resilience 3. Increase the number of Angelenos with preparedness resources and training in our most vulnerable communities 5. Grow partnerships between the public, private, and nonprofit sectors to provide critical services to vulnerable Angelenos in times of crisis 7. Provide Angelenos access to additional trauma resources 24. Promote neighborhood planning programs to support all Los Angeles neighborhoods in developing preparedness plans
	Goal 4: Quality Education Ensure Inclusive and equitable quality education and promote lifelong learning opportunities for all		
	Targets		
2	4.1 By 2030, ensure that all children complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes		--
2	4.2 By 2030, ensure that all children have access to quality early childhood development, care and pre-primary education so that they are ready for primary education		--
2	4.3 By 2030, ensure equal access for all youth and adults to affordable and quality technical, vocational and tertiary education, including university		15. Build Partnerships that Strengthen the Education-to-Career Pipeline 16: Strengthen opportunities for young Angelenos to connect with civic leadership programs 18: Deploy employment development programs and partnerships to prevent and reduce youth homelessness 49. Support systems and services that are linguistically inclusive and culturally competent
1	4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship		15. Build Partnerships that Strengthen the Education-to-Career Pipeline
1	4.5 By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations		--
2	4.6 By 2030, ensure that all youth and adults, of all genders, achieve literacy and numeracy		9. Expand access to financial literacy and security resources for all Angelenos

1	4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development		1. Launch a coordinated preparedness campaign that encourages Angelenos to take actions that improve their resilience 20. Develop the Next Generation of Stewards of Los Angeles to be Leaders in Climate and Disaster Resilience 23. Launch the Campus Resilience Challenge 25. Increase neighborhood outreach and education around wildfire and mudslide risk reduction in our most vulnerable neighborhoods. 81. Provide education programming to maintain a healthy watershed and keep Angelenos safe 94. Expand education and capacity-building to promote pluralistic values and social inclusion	
1	4.A Build and upgrade education facilities that are child, disability and gender sensitive and provide safe, nonviolent, inclusive and effective learning environments for all		17. Increase economic opportunities by generating awareness and use of City programs and services that reduce violence 19. Work with young Angelenos to reduce crime and violence, especially where teens and youth are victims	
2	4.B By 2020, substantially expand the number of scholarships available for enrollment in higher education, including vocational training and information and communications technology, technical, engineering and scientific programmes within the City of Los Angeles		--	
0	4.C By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing States"		--	
	Goal 5: Gender Equality Achieve gender equality and empower women and girls			
	Targets			
1	5.1 End all forms of discrimination against all women and girls everywhere		30. Increase participation from and plan with New Angelenos to encourage welcoming neighborhoods 48. Develop new citywide equity indicators to inform and measure inclusive investments and policy-making	
1	5.2 Eliminate all forms of violence against all women and girls in the public and private spheres, including trafficking and sexual and other types of exploitation		7. Provide Angelenos access to additional trauma resources 17. Increase income opportunities by generating awareness and use of City programs and services that reduce violence 19. Work with young Angelenos to reduce crime and violence, especially where teens and youth are victims 29. Continue to support and expand the Los Angeles Justice Fund 31. Expand an inclusive network of services that strengthen individuals, families, and communities to combat all forms of violent extremism 56. Promote and expand housing options for vulnerable populations such as chronically homeless and homeless veterans and victims of domestic violence and human trafficking.	
1	5.3 Eliminate all harmful practices, such as child, early and forced marriage and female genital mutilation		--	
1	5.4 Recognize and value unpaid care and domestic work through the provision of public services, infrastructure and social protection policies and the promotion of shared responsibility within the household and the family as nationally appropriate		--	
1	5.5. Ensure women's full and effective participation and equal opportunities for leadership at all levels of decisionmaking in political, economic and public life		9. Expand access to financial literacy and security resources for all Angelenos 10. Establish a capital project pipeline that creates living wage jobs for Los Angeles' Most Disadvantaged 16. Strengthen opportunities for young Angelenos to connect with civic leadership programs 20. Develop the Next Generation of Stewards of Los Angeles to be Leaders in Climate and Disaster Resilience 27. Promote diversity in community leadership by pursuing policies and programs that develop more leaders reflecting the communities they represent 42. Improve the health and well-being for all ages through improvements in mobility 49. Support systems and services that are linguistically inclusive and culturally competent	

2	5.6 Ensure universal access to sexual and reproductive health and reproductive rights		28. Expand access to City Services for homeless, marginalized, and vulnerable communities 36. Increase the health and wellness of Angelenos through 2028 Olympic and Paralympic partnership 39. Invest in healthy and safe housing to improve public health and increase equity 88. Fortify public health and healthcare critical infrastructure and leverage partnerships with public health organizations to improve community health and wellness.	
1	5.A Undertake reforms to give women equal rights to economic resources, as well as access to ownership and control over land and other forms of property, financial services, inheritance and natural resources, in accordance with national laws		49. Support systems and services that are linguistically inclusive and culturally competent 56. Promote and expand housing options for vulnerable populations such as chronically homeless and homeless veterans and victims of domestic violence and human trafficking.	
1	5.B Enhance the use of enabling technology, in particular information and communications technology, to promote the empowerment of women		12. Increase access to free wi-fi to help reduce technology disparities. 13. Identify, cultivate, and incubate high growth sectors while promoting economic mobility	
1	5.C Adopt and strengthen sound policies and enforceable legislation for the promotion of gender equality and the empowerment of all women and girls at all levels		27. Promote diversity in community leadership by pursuing policies and programs that develop more leaders reflecting the communities they represent	
4	5.X End all forms of discrimination against LGBTQIA+ persons and ensure that LGBTQIA+ persons have equal access to services, education, and employment opportunities		30. Increase participation from and plan with New Angelenos to encourage welcoming neighborhoods 48. Develop a new citywide equity indicators to inform and measure inclusive investments and policy-making	
	Goal 6: Clean Water and Sanitation Ensure Availability and Sustainable Management of Water and Sanitation for All			
	Targets			
1	6.1 By 2030, achieve universal and equitable access to safe and affordable drinking water for all		64. Leverage flood mitigation infrastructure to enhance local water availability	
1	6.2 By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations		38. Expand mobile city services for vulnerable populations	
2	6.3 By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse		80. Identify strategies to reduce pollution in the Los Angeles River System	
1	6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity		62. Expand and protect water sources to reduce dependence on imported water and strengthen the city's local water supply	
1	6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate		62. Expand and protect water sources to reduce dependence on imported water and strengthen the city's local water supply	
1	6.6 By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes		46. Integrate additional resilience measures in the implementation of Los Angeles river waterway revitalization efforts	
2	6.A By 2030, expand cooperation and capacity-building support to local and community efforts related to water- and sanitation activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies		--	
1	6.B Support and strengthen the participation of local communities in improving water and sanitation management		63. Prioritize key neighborhoods for stormwater capture, urban greening, and other community benefits 91. Further the marketplace for seismic-resilient pipes	
	Goal 7: Affordable and Clean Energy Ensure access to affordable, reliable, sustainable and modern energy for all			
	Targets			
1	7.1 By 2030, ensure universal access to affordable, reliable and modern energy services		--	

2			<p>66.Develop A Clean Energy and Smart Grid Infrastructure That is Reliable in the Face of Future Climate Impacts and Hazards</p> <p>67. Expand Combined Solar and Energy Storage Pilots</p> <p>68. Expand Electric Fleets, Charging Infrastructure, and Energy Backup to Reduce Emissions and Support Emergency and Response Services</p> <p>74. Transition of Zero-Emissions Technology At The Port of L.A. to Reduce Emissions, Improve Air Quality, and Build Disaster Resilience</p>	
	7.2 By 2030, increase substantially the share of renewable energy in the local energy mix			
2	7.3 By 2030, increase the local rate of improvement in energy efficiency		50. Innovate more resilient and sustainable buildings by advancing Building Forward LA.	
2	7.A By 2030, enhance international, regional, and local cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology		--	
2	7.B By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all , in particular underserved communities		68. Expand Electric Fleets, Charging Infrastructure, and Energy Backup to Reduce Emissions and Support Emergency and Response Services	
	Goal 8: Decent Work and Economic Growth Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all			
	Targets			
2	8.1 Sustain local per capita economic growth in accordance with national circumstances and, in particular, equitable gross domestic product growth per annum across all communities		--	
1	8.2 Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors		12. Increase access to wi-fi to help end technology disputes 13. Identify, cultivate, and incubate high-growth sectors while promoting economic mobility	
1	8.3 Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services		11. Collaborate with anchor institutions to target investment	
2	8.4 Improve progressively, through 2030, local resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation, in accordance with the 10-Year Framework of Programmes on Sustainable Consumption and Production		--	
2	8.5 By 2030, achieve full and productive employment and decent work for all, including for young people and persons with disabilities, and equal pay for work of equal value		10. Establish a capital project pipeline that creates living wage jobs for Los Angeles' most disadvantaged	
1			15. Build partnerships that strengthen the Education-to-Career pipeline 16. Strengthen Opportunities for Young Angelenos to Connect with Civic Leadership Programs 17. Increase economics opportunities by generating awareness and use of city programs and services that reduce violence	
	8.6 By 2020, substantially reduce the proportion of youth not in employment, education or training			
2	8.7 Take immediate and effective measures to eradicate forced labour, end modern slavery and human trafficking and secure access to labor rights and equitable pay		--	
1	8.8 Protect labour rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment		--	
1	8.9 By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products		--	
3	8.10 Encourage the expansion and greater access for all to banking, insurance and traditional and emerging financial services.		9: Expand access to financial literacy resources for all Angelenos	
0	8.A Increase Aid for Trade support for developing countries, in particular least developed countries, including through the Enhanced Integrated Framework for Trade-Related Technical Assistance to Least Developed Countries		--	

2	8.B By 2020, develop and operationalize a local strategy for youth employment and implement the Global Jobs Pact of the International Labour Organization		--	
	Goal 9: Industry, Innovation, and Infrastructure Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation			
	Targets			
2	9.1 Develop quality, reliable, sustainable and resilient infrastructure, including local, regional, and trans-border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all		All 96 actions in Resilient Los Angeles	
2	9.2 Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances		--	
2	9.3 Increase the access of small-scale industrial and other enterprises, particularly for underserved communities, to financial services, including affordable credit, and their integration into value chains and markets		13. Identify, cultivate, and incubate high-growth sectors while promoting economic mobility	
2	9.4 By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes		43. Make resilience-building a permanent part of the city of Los Angeles' systems and services 44. Require resilience as a guiding principle for land use decisions in the Los Angeles General Plan and Zoning Code Updates 45. Integrate Resilience and Sustainability Principles into city capital planning 50. Innovate more resilient and sustainable buildings by advancing Building Forward LA 54. Establish post-disaster restoration targets for critical infrastructure 69. Leverage Airport Modernization at Los Angeles World Airports to increase resilience 71. Enhance protection of digital assets from cyberattacks 72. Leverage infrastructure investments leading up to the Olympics and Paralympics to advance resilience goals 82. Leverage the LARiverway for emergency access and evacuation routes to increase citywide preparedness and disaster response capacity 83. Collaborate with California cities to advance regional seismic safety 87. Coordinate among transit agencies to advance regional transportation and transit resilience 90. Launch an Earthquake Early Warning System 92. Lead development of a cross-sector cybersecurity innovation incubator	
2	9.5 Enhance scientific research, upgrade the technological capabilities of industrial sectors, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers and public and private research and development spending		--	
2	9.A Facilitate sustainable and resilient infrastructure development through enhanced financial, technological and technical support to underserved and unserved communities		--	
2	9.B Support technology development, research and innovation, including by ensuring a conducive policy environment for, inter alia, industrial diversification and value addition to commodities		--	
2	9.C Significantly increase access to information and communications technology and strive to provide universal and affordable access to the Internet by 2020		12. Increase access to wi-fi to help end technology disputes	
	Goal 10: Reduced Inequalities Reduce inequality within and among countries			
	Targets			

2	10.1 By 2030, progressively achieve and sustain income growth of the bottom 40 per cent of the population at a rate higher than the national average to significantly reduce the wage gap, paying special attention to age, sex, disability, race, ethnicity, origin, religion or economic or other status		9. Expand access to financial literacy and security resources for all Angelenos 10. Establish a capital project pipeline that creates living wage jobs for Los Angeles' most disadvantaged 11. Collaborate with anchor institutions to target investment 13. Identify, cultivate, and incubate high-growth sectors while promoting economic mobility 14. Expand partnerships that encourage reintegration and successful reentry of previously incarcerated individuals	
1	10.2 By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status		27. Promote diversity in community leadership by pursuing policies and partnerships that foster welcoming neighborhoods 28. Expand city services for homeless, marginalized and vulnerable communities	
1	10.3 Ensure equal opportunity and reduce inequalities of outcome, including by eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and action in this regard		29. Continue to support and fund the Los Angeles Justice Fund	
1	10.4 Adopt policies, especially fiscal, wage and social protection policies, and progressively achieve greater equality		10. Establish a Capital Project That Creates Living Wage Jobs for Los Angeles' Most Disadvantaged	
0	10.5 Improve the regulation and monitoring of global financial markets and institutions and strengthen the implementation of such regulations		--	
2	10.6 Ensure enhanced representation and voice for underrepresented populations and communities in decision-making in global international economic and financial institutions in order to deliver more effective, credible, accountable and legitimate institutions		9. Expand access to financial literacy and security resources for all Angelenos 11. Collaborate with anchor institutions to target investment 96. Collaborate with Cities to Build Resilience Around the Globe	
2	10.7 Facilitate orderly, safe, regular and responsible migration and mobility of people, including through the implementation of planned and well-managed migration policies taking into consideration the needs of refugees and undocumented persons		13. Identify, Cultivate, and Incubate high growth sectors while promoting economic mobility 30. Increase Participation From and Plan With New Angelenos to Encourage Welcoming Neighborhoods	
0	10.A Implement the principle of special and differential treatment for developing countries, in particular least developed countries, in accordance with World Trade Organization agreements		--	
0	10.B Encourage official development assistance and financial flows, including foreign direct investment, to States where the need is greatest, in particular least developed countries, African countries, small island developing states and landlocked developing countries, in accordance with their national plans and programmes		--	
0	10.C By 2030, reduce to less than 3 per cent the transaction costs of migrant remittances and eliminate remittance corridors with costs higher than 5 per cent		--	
	Goal 11: Sustainable Cities and Communities Make cities and human settlements inclusive, safe resilient and sustainable			
	Targets			
2	11.1 By 2030, ensure access for all to adequate, safe and affordable housing and basic services		55. Double the Pace of Affordable Housing Production and Preservation and Triple Production of New Preservation Supportive Housing By Changing Regulation, Adopting New Financing Mechanisms, and Exploring Adaptive Re-Use of Publicly-Owned Sites 56. Promote and Expand Housing Options for Vulnerable Populations Such as Chronically Homeless Veterans and Victims of Domestic Violence and Human Trafficking	
1	11.2 By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons		87. Coordinate Among Transit Agencies to Advance Regional Transportation and Transit Resilience	
1	11.3 By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries		30. Increase Participation From and Plan With New Angelenos to Encourage Welcoming Neighborhood	

2	11.4 Strengthen efforts to protect and safeguard the cultural and natural heritage of Los Angeles		49. Support systems and services that are linguistically inclusive and culturally competent	
2	11.5 By 2030, significantly reduce the number of deaths and the number of people affected and substantially decrease the direct economic losses caused by disasters, including water-related disasters, with a focus on protecting the poor and people in vulnerable situations		2. Expand workforce preparedness training opportunities and programs to quickly restore essential city services after a major shock	
1	11.6 By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management		34. Plant trees in communities with fewer trees to grow a more equitable tree canopy by 2028	
1	11.7 By 2030, provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities		40. Increase access to open space in under served neighborhoods	
2	11.A Support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening local and regional development planning		41. Increase stability through investments in affordable housing, jobs, open space in communities adjacent to the Los Angeles river.	
1	11.B By 2020, substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all levels		1. Launch a coordinated preparedness campaign that encourages Angelenos to take actions that improve their resilience 45. Integrate Resilience And Sustainability Principles Into City Capital Planning. 54. Establish post-disaster restoration targets for critical infrastructure. 61. Advance seismic safety, prioritizing the most vulnerable buildings, infrastructure, and systems.	
2	11.C Support all communities, including the underserved and unserved, through financial and technical assistance, in building sustainable and resilient buildings utilizing local materials		1. Launch a coordinated preparedness campaign that encourages Angelenos to take actions that improve their resilience 50. Innovate more resilient and sustainable buildings by advancing Building Forward LA.	
	Goal 12: Responsible Consumption and Production Ensure sustainable consumption and production patterns			
	Targets			
3	12.1 Localize the 10-Year Framework of Programmes on Sustainable Consumption and Production Patterns, with a focus on creating new job/market opportunities and contributing to poverty eradication and social development and environmental sustainability at the City level through increased stakeholder engagement		--	
1	12.2 By 2030, achieve the sustainable management and efficient use of natural resources		78. Develop A Strategy To Sustain The Region's Biodiversity And Tree Health To Support Longterm Ecological Resilience	
2	12.3 By 2030, halve per capita local food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses		89. Expand Climate And Emergency Preparedness Throughout Our Local Food System	
2	12.4 By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed national and local standards, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment		70. Identify, Analyze, And Mitigate Local Oil And Gas Infrastructure Risks	
1	12.5 By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse		--	
2	12.6 Encourage companies located or operating in Los Angeles to adopt sustainable practices and to integrate sustainability information into their reporting cycle		5. Grow Partnerships Between The Public, Private, And Nonprofit Sectors To Provide Critical Services To Vulnerable Angelenos In Times Of Crisis	
2	12.7 Promote public procurement practices that are sustainable, in accordance with national, state, and city-level policies and priorities		45. Integrate Resilience And Sustainability Principles Into City Capital Planning	
1	12.8 By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature		81. Provide Education Programming To Maintain A Healthy Watershed And Keep Angelenos Safe	
2	12.A Support all entities in Los Angeles to strengthen their scientific and technological capacity to move towards more sustainable patterns of consumption and production		95. Integrate New And Emerging Science Into Policy Through Partnerships With Academic, Local, State, And Federal Scientists	
1	12.B Develop and implement tools to monitor sustainable development impacts for sustainable tourism that creates jobs and		32. Develop An Urban Heat Vulnerability Index And Mitigation Plan To Prepare For Higher Temperatures And More Frequent Extreme Heat 33. Develop And Launch A Neighborhood Retrofit Pilot Program To Test Cooling Strategies That Prepare For Higher Temperatures	

2	12.C Rationalize inefficient fossil-fuel subsidies that encourage wasteful consumption by removing market distortions, in accordance with local circumstances, including by restructuring taxation and phasing out those harmful subsidies, where they exist, to reflect their environmental impacts, taking fully into account the specific needs and conditions of communities within Los Angeles and minimizing the possible adverse impacts on their development in a manner that protects the poor and otherwise affected communities		68. Expand Electric Fleets, Charging Infrastructure, And Energy Backup To Reduce Emissions And Support Emergency And Response Services
	Goal 13: Climate Action Take urgent action to combat climate change and its impacts		
	Targets		
2	13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all community plan areas		73. Ensure Climate Resilience And Adaptation Planning Is Robust And Consistent With The Paris Climate Agreement
2	13.2 Integrate climate change measures into all city policies, strategies and planning		34. Plant trees in communities with fewer trees to grow a more equitable tree canopy by 2028
1	13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning		94. Expand Education And Capacity building To Promote Pluralistic Values And Social Inclusion 2. Expand Workforce Preparedness Training Opportunities And Programs To Quickly Restore Essential City Services After A Major Shock
0	13.A Implement the commitment undertaken by developed-country parties to the United Nations Framework Convention on Climate Change to a goal of mobilizing jointly \$100 billion annually by 2020 from all sources to address the needs of developing countries in the context of meaningful mitigation actions and transparency on implementation and fully operationalize the Green Climate Fund through its capitalization as soon as possible		--
2	13.B. Promote mechanisms for raising capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth and local and marginalized communities		56. Promote And Expand Housing Options For Vulnerable Populations Such As Chronically Homeless And Homeless Veterans And Victims Of Domestic Violence And Human Trafficking 59. Connect People Experiencing Homelessness Near The River With Better Access To Services And Housing
	Goal 14: Life Below Water Conserve and Sustainably use the oceans, seas, and marine resources for sustainable development		
	Targets		
1	14.1 By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris		70. Identify and Analyze and Mitigate Local Oil and Gas Infrastructure Risks 77. Implement Stormwater Projects That Reduce Pollution and Capture Local Water Supply
1	14.2 By 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans		79. Revitalize Enhance and Protect the Los Angeles River Watershed's Ecosystem and Biodiversity
1	14.3 Minimize and address the impacts of ocean acidification, including through enhanced scientific cooperation at all levels		--
1	14.4 By 2020, effectively regulate harvesting and end overfishing, illegal, unreported and unregulated fishing and destructive fishing practices and implement science-based management plans, in order to restore fish stocks in the shortest time feasible, at least to levels that can produce maximum sustainable yield as determined by their biological characteristics		--
2	14.5 By 2020, conserve at least 10 per cent of coastal and marine areas, consistent with national and local law and based on the best available scientific information		76. Incorporate Sea Level Rise Modeling Local Plans
0	14.6 By 2020, prohibit certain forms of fisheries subsidies which contribute to overcapacity and overfishing, eliminate subsidies that contribute to illegal, unreported and unregulated fishing and refrain from introducing new such subsidies, recognizing that appropriate and effective special and differential treatment for developing and least developed countries should be an integral part of the World Trade Organization fisheries subsidies negotiation		--

2	14.7 By 2030, increase the economic benefits to coastal community plan areas from the sustainable use of marine resources, including through sustainable management of fisheries, aquaculture and tourism		--	
2	14.A Increase scientific knowledge, develop research capacity and transfer marine technology, taking into account the Intergovernmental Oceanographic Commission Criteria and Guidelines on the Transfer of Marine Technology, in order to improve ocean health and to enhance the contribution of marine biodiversity		--	
1	14.B Provide access for small-scale artisanal fishers to marine resources and markets		--	
2	14.C Enhance the conservation and sustainable use of oceans and their resources by supporting international law as reflected in UNCLOS, which provides the legal framework for the conservation and sustainable use of oceans and their resources, as recalled in paragraph 158 of The Future We Want		--	
Goal 15: Life on Land				
Protect, restore, and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss				
Targets				
2	15.1 By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international, national, state, and city guidelines		62. Expand and Protect Water Sources to Reduce Dependence on Imported Water and Strengthen the City's Local Water Supply	
2	15.2 By 2020, promote the implementation of sustainable management of all types of forests, including the Santa Monica Mountains and other natural areas within and bordering the City of Los Angeles, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation		34. Plant Trees in Communities with Fewer Trees to Grow a More Equitable Tree Canopy by 2028	
1	15.3 By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world		79. Revitalize, Enhance, and Protect the Los Angeles River Watershed's Ecosystem and Biodiversity	
1	15.4 By 2030, ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for sustainable development		--	
1	15.5 Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity, and, by 2020, protect and prevent the extinction of threatened species		8. Grow Partnerships That Expand Support For Animals After a Major Shock	
1	15.6 Promote fair and equitable sharing of benefits arising from utilization of genetic resources and promote appropriate access to such resources, as internationally agreed		78. Develop a Strategy to Sustain the Region's Biodiversity and Tree Health to Support Long-Term Ecological Resilience	
1	15.7 Take urgent action to end poaching and trafficking of protected species of flora and fauna and address both demand and supply of illegal wildlife products		--	
1	15.8 By 2020, introduce measures to prevent the introduction and significantly reduce the impact of invasive alien species of land and water ecosystems and control or eradicate the priority species		78. Develop a Strategy to Sustain the Region's Biodiversity and Tree Health to Support Long-Term Ecological Resilience	
1	15.9 By 2020, integrate ecosystem and biodiversity values into national and local planning, development processes, poverty reduction strategies and accounts		25. Increase Neighborhood Outreach and Education Around Wildlife and Mudslide Risk Reduction in Our Most Vulnerable Neighborhoods 65. Proactively Address Flood Risk Through Policy, Communication, and Infrastructure Planning	
1	15.A Mobilize and significantly increase financial resources from all sources to conserve and sustainably use biodiversity and ecosystems		78. Develop a strategy to sustain the region's biodiversity and tree health to support long-term ecological resilience	
2	15.B Mobilize significant resources from all sources and at all levels to finance sustainable forest management and provide adequate incentives to advance such management, including for conservation and reforestation		--	

1	15.C Enhance global support for efforts to combat poaching and trafficking of protected species, including by increasing the capacity of local communities to pursue sustainable livelihood opportunities		--	
	Goal 16: Peace, Justice, and Strong Institutions Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable, and inclusive institutions at all levels			
	Targets			
1	16.1 Significantly reduce all forms of violence and related death rates everywhere		17. Increase Economic Opportunities by Generating Awareness and Use of City Programs and Services that Reduce Violence 19. Work with Young Angelenos to Reduce Crime and Violence, Especially Where Teens and Youth Are Victims 52. Prevent Crime and Violence Through Enhanced Used of Data	
1	16.2 End abuse, exploitation, trafficking and all forms of violence against and torture of children		56. Promote and Expand Housing Options for Vulnerable Populations Such as Chronically Homeless and Homeless Veterans and Victims of Domestic Violence and Human Trafficking	
2	16.3 Promote the rule of law at the city level and ensure equal access to justice for all		31. Expand an Inclusive Network of Services that Streghten Individuals, Families, and Communities to Combat All Forms of Violent Extremism	
1	16.4 By 2030, significantly reduce illicit financial and arms flows, strengthen the recovery and return of stolen assets and combat all forms of organized crime		--	
1	16.5 Substantially reduce corruption and bribery in all their forms		--	
1	16.6 Develop effective, accountable and transparent institutions at all levels		--	
1	16.7 Ensure responsive, inclusive, participatory and representative decision-making at all levels		26. Launch the "Neighborly" Microgrants program to build social connections between neighbors 27. Promote Diversity in Community Leadership By Pursuing Policies and Programs that Develop More Leaders Reflecting the Communities They Represent 30. Increase Participation From and Plan With New Angelenos to Encourage Welcoming Neighborhoods	
2	16.8 Broaden and strengthen the awareness and participation of city and local communities, especially those traditionally underserved and marginalized, in the institutions of local and global governance		--	
1	16.9 By 2030, provide legal identity for all, including birth registration		--	
2	16.10 Ensure public access to information and protect fundamental freedoms, in accordance with city, state, and national legislation and international agreements		22. Connect community organizations with experts and resources to guide and efficiently support the development of neighborhood resilience hubs	
2	16.A Strengthen relevant national institutions, including through regional, state, national, and international cooperation, for building capacity at all levels, in particular in cities, to prevent violence and combat terrorism and crime		4. Teach Angelenos how to protect themselves from cyberattacks 17. Increase Economic Opportunities by Generating Awareness and Use of City Programs and Services that Reduce Violence 19. Work with Young Angelenos to Reduce Crime and Violence, Especially Where Teens and Youth Are Victims 52. Prevent Crime and Violence Through Enhanced Used of Data 93. Advance counter-terrorism efforts in the Southern California region	
2	16.B Promote, enforce, and where absent, create non-discriminatory laws and policies for sustainable development		15. Build partnerships that strengthens the educations to career pipeline	
	Goal 17: Partnership for the Goals Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development			
	Targets			
2	17.1 Strengthen local resource mobilization with other global cities, to improve local capacity for tax and other revenue collection		--	

0	17.2 Developed countries to implement fully their official development assistance commitments, including the commitment by many developed countries to achieve the target of 0.7 per cent of gross national income for official development assistance (ODA/GNI) to developing countries and 0.15 to 0.20 per cent of ODA/GNI to least developed countries; ODA providers are encouraged to consider setting a target to provide at least 0.20 per cent of ODA/GNI to least developed countries		--	
3	17.3 Promote resource mobilization from multiple resources to reduce local barriers that complicate the outflow of remittances to developing countries		--	
0	17.4 Assist developing countries in attaining long-term debt sustainability through coordinated policies aimed at fostering debt financing, debt relief and debt restructuring, as appropriate, and address the external debt of highly indebted poor countries to reduce debt distress		--	
2	17.5 Using LA's public-private networks, assist global Sustainable Development Goals partners in developing countries to adopt and implement investment promotion regimes focused on their communities		--	
2	17.6 Support North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation and enhance knowledge-sharing on mutually agreed terms, including through improved coordination among existing mechanisms, and through a global technology facilitation mechanism		--	
2	17.7 Promote the development, transfer, dissemination and diffusion of environmentally sound technologies to underserved communities and developing countries through public-private partnerships and resources		--	
2	17.8 Fully operationalize the technology bank and science, technology and innovation capacity-building mechanism for disadvantaged communities, foreign and domestic, and enhance the use of enabling technology, in particular information and communications technology			93. Advance Counter-Terrorism Efforts in the Southern California Region
2	17.9 Enhance local and international support for implementing effective and targeted capacity-building in underserved and unserved communities and developing countries to support plans to implement all the Sustainable Development Goals			96. Collaborate with Cities to Build Resilience Around the Globe
2	17.10 Use global partnerships on the Sustainable Development Goals to promote a universal, rules-based, open, non-discriminatory and equitable multilateral best-practices driven trading system, such as cooperative databases and open data platforms		--	
3	17.11 Support developing countries by seeking to increase trade between businesses in Los Angeles and developing countries.		--	
2	17.12 Realize timely implementation of duty-free and quota-free market access on a lasting basis for all emerging industries and small, local businesses, including by ensuring that preferential rules applicable to goods and services are transparent and simple, and contribute to facilitating market access		--	
2	17.13 Support and promote policies that enhance global macroeconomic stability, including through policy coordination and policy coherence		--	
1	17.14 Enhance policy coherence for sustainable development		--	
1	17.15 Respect each country's policy space and leadership to establish and implement policies for poverty eradication and sustainable development		--	
2	17.16 Enhance the global partnership for sustainable development, complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technology and financial resources, to support the achievement of the sustainable development goals on all levels including local, regional, state, national, and international		--	
1	17.17 Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships			94. Expand Education and Capacity-Building to Promote Pluralistic Values and Social Inclusion

2	17.18 By 2020, utilize global partnerships to enhance capacity-building, to increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, ethnicity, migratory status, disability, geographic location and other characteristics relevant in local and international contexts		--	
2	17.19 By 2030, build on existing initiatives to develop measurements of progress on sustainable development that complement gross domestic product, and support statistical capacity-building locally and internationally		--	

