100RC Platform Services Summary

Partner	Service	What does it do?	Why should a city use it	Sectors
Akzo Nobel	Urban Resilience Toolkit (for paints, coatings, specialty chemicals)	The toolkit will help cities understand and benefit from the contribution paints, coatings and specialty chemicals make to resilience planning. Examples include coatings that protect a city's critical infrastructure from corrosion, the impact of lifecycle thinking in coatings selection for economic and environmental benefits, and the importance of color to creating a sense of community and civic identity.	Cities should use the toolkit to understand the importance of color and coatings in urban spaces and understand the importance of color as a tool to embrace and preserve urban heritage.	Built Environment; Community development; Construction; Environmental conservation
Amec Foster Wheeler with GMA	Pre-feasibility and feasibility study support	Amec Foster Wheeler, along with team member GMA, will help cities to develop an implementation plan to obtain grants or funding for specific resilience projects. A city will be provided with a pre-feasibility study information package including research, options for investments, cost benefit analyses and terms of reference for a feasibility study. Cities will also be supported in putting together a feasibility study.	Services are best suited for cities that are looking to obtain funding from development banks or other funding sources to move a project identified in a city's resilience strategy from planning to implementation.	Finance; Infrastructure; Urban planning
American Geophysical Union	Thriving Earth Exchange	TEX provides a platform for CROs to connect with Earth and space scientists to design and implement projects that use Earth and space science to advance resilience.TEX will provide a designated staff liaison to each city to provide support, and develop a hands-on workshop to jump start the process of finding and implementing solutions, by matching city leaders to scientists with relevant expertise to design and launch a TEX project.	TEX is best suited for cities that are looking to implement the best ideas to solve for problems and priorities relating to natural hazards, natural resources, and climate change. It is useful for designing and advancing projects that apply these sciences to community resilience priorities with local or non-local scientists who are experts in the field.	Climate change; Environmental conservation; Infrastructure
American Institute of Architects/Foundation	National Resilience Design Studios	Design and construction services, education and professional development, engagement and outreach. CROs can also connect with AIA member experts, access speakers for educational opportunities	Provide city, architects, and design professionals with capacity and model to build more resilient communities more effectively before and after disaster.	Built Environment; Urban planning
Asia Society	Global Talent Initiatives	CROs and municipal governments can engage directly with Chief Talent Officers and Heads of Human Resources of Fortune 500 Companies and participate in a network focused on attracting and retaining human capital, including how factors such as city livability, regulatory environment, infrastructure, environmental conditions and lifestyle issues impact their interests.	The service best suits rapidly urbanizing second tier cities, and cities with fast-growing markets facing challenges of long-term secure employment opportunities, as well as cities looking to showcase an investment-friendly environment, to learn how to attract and retain a skilled workforce.	Communications – media; Economic development; Educational/vocational Training
Blue Legacy International	Communications Collaboration	Cities will engage Alexandra Cousteau and use her role as a Water Ambassador for participation in panels, webinars, interviews and pre-recorded messages for selected times.	Cities advance the conversation on the importance of building water resilience in communities, level set understanding and shape a dialog around complex water issues.	Communications – media; Environmental conservation
Blue Legacy International	Digital Media Library	Cities will have access to a digital media library that includes final short films, B-roll footage and over 10,000 images. Offered free licenses to use final short films, and access to select digital media.	City and local communities will learn and take action on critical water issues. This will support public service and educational communication efforts.	Communications – media
Build Change	Developing and Implementing Building Standards for Safe Houses and Schools	Build Change works with all stakeholders, including government, contractors, and end users (homeowners, teachers, students) to put in place the technical resources, capacity building programs, data collection systems, financial incentives, and other resources necessary to build and retrofit safe buildings.	Build Change's services are best suited for cities with interest in increasing resilience of existing or new housing or educational infrastructure. Housing can include but is not limited to single family housing, multiple family informal buildings, developer-built multi-family housing projects, social housing, commercial high rise residential infrastructure.Build Change works in emerging nations, areas where informal building is common and/or building standard enforcement is not yet widespread. Build Change usually works with lower income homeowners.	Built Environment; Construction; DRM/Emergency response; Educational/vocational Training; Housing
Cisco/ Cisco Foundation	Smart + Connected Communities	Cisco will lead workshops with cities to explore potential technology and non-technology based solutions relating to a specific challenge faced by a city. Cisco will provide cities with an assessment of key barriers to success, a list of possible initiatives, and a summary of a jointly agreed plan that includes solution prioritization, a multi-year implementation map with expected impacts and roles and responsibilities of various stakeholders involved in each stage of the project.	The service is suited for cities seeking to solve a specific challenge, such as transportation, air quality, flooding, increasing citizen engagement, making more informed decisions. Cities can better tackle the problems they face with access to more accurate and timely data that Smart + Connected Communities can bring.	ICT; Infrastructure; Urban planning
Cities Alliance	Advisory services to implement inclusive, multi sector city resilience policies	Cities Alliance will facilitate access to networks of organised informal workers and slum/shack dwellers, Provide links to experts and practical experience in city resilience strategies, economic growth and gender mainstreaming, provide access to information on knowledge products on secondary cities, environmental planning, national urban policy, land expansion policies, incremental housing and Habitat III, conceptualize and facilitate knowledge exchanges, share good practices on City Development Strategies and slum upgrading	The services would best suit cities that are seeking to make systemic change at the policy level, to improve communications between citizens and government, and are looking to approach city development strategies in an integrated and collaborative manner with city stakeholders.	Built Environment; Community development; Economic development; Housing; Government & Policy
CityHeroes	Resilience Monitor	An IT based system that establishes a direct communication among CROs, volunteers and citizens for mapping, analyzing and acting on cities' risks, to map and inspect hazard exposures and vulnerabilities, update infrastructure conditions, and establish real time communication with the citizens in emergencies.	CROs and affiliate authorities can access key metrics and analytics that will help with the decision making process, improving the communication and collaboration between neighbors and authorities, helping reduce fatalities and opportunistic crimes during emergencies.	ICT
Citymart.com	Citymart Challenges	Runs challenges to help cities use procurement as a tool to source innovative and transformative solutions to meet their needs from global solutions providers.	Useful for cities seeking to reach unknown markets for competitive and innovative solutions, and cities that have failed in previous attempts to solve a problem. Helps cities use procurement in innovative ways to solve problems.	Economic development; Urban planning
Climate CoLab - MIT Center for Collective Intelligence	MIT Climate CoLab	Its an online crowdsourcing platform where citizens and experts work together to create, analyze and select detailed proposals for what to do about climate change and urban challenges, through the running of contests.	Cities can engage a large audience in generating and selecting creative ideas to address climate change and the urban challenges.	Climate change; Urban planning
Commonwealth Scientific and Industrial Research Organisation (CSIRO)	(CSIRO) Guideline & Assessment to Integrate Climate Adaptation & DRR	This provides technical guidance to integrate climate adaptation and disaster risk reduction into action plans for resilient cities. Through risk management, it aims to guide city partners to identify options that reduce the impact of climate change and variability.	This provides a flexible and specifically tailored support for cities to understand their risks to future climate and natural disasters, and develop action plans for resilient cities.	Climate change; DRM/Emergency response

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Commonwealth Scientific and Industrial Research Organisation (CSIRO)	(CSIRO) Knowledge & Assessment Tools to Develop Co-benefit of Low-Carbon Emis	Cities apply building simulation tools, which are publically available e.g. EnergyPlus, to assess the energy efficiency of building design options for low-carbon development while achieving co-benefit of healthy thermal environment, and provide measurable and quantitative evidences for the assessment of energy efficiency at a city scale.	This provide flexible tailored support for cities to understand current building designs on the aspect of energy efficiency, low carbon development and healthy building environment, and measurable and quantitative evidences for development of action plans for low-carbon/green cities.	Energy; Urban planning
Deutsche Bank	Alliance NRG Program ™	The program enables cities to provide Property-Assessed Clean Energy (PACE) financing to property owners. PACE is an innovative financing tool that provides capital for projects like energy efficiency, renewable energy, and water conservation.	PACE financing offers multiple benefits to cities including increased energy efficiency, decreased pressure on the grid, reduction of greenhouse gas emissions. The program also have a positive economic development impact in the communities, stimulating job creation, and providing access to financing that would otherwise be difficult to obtain.	Built Environment; Energy; Finance; Housing
Digital Globe	Standard Ortho-Ready Satellite Imagery with Land Use and Elevation Model	DigitalGlobe will provide cities with satellite imagery that allows for sophisticated photogrammetric processing and three dimensional feature extractions. The imagery also includes a land use/land cover data layer that shows water bodies, vegetation, manmade surfaces that affect flood impact and bare soil/earth where there is no built up area. A basic elevation model of the city will also be compiled for imaging processing.	Cities can use the images and analysis to inform planning for future growth, plan for and address problems arising from natural hazards, critical infrastructure, public transportation, water scarcity, poverty community security, community growth and more.	Urban planning; Modeling/Technology
Fundacion Mario Santodomingo	DINCS Model	DINCS (Integrated Development for Sustainable Communities in English) is a model designed by "Fundación Mario Santo Domingo (FMSD) in Colombia to respond to a complex growing, housing shortage for low income vulnerable population. The model focuses on constructing sustainable integrated habitats where the communities' well-being and empowerment is the main goal, becoming the leaders of their own development, seeking to improve their living conditions.	For cities with high affordable housing challenges and needs of new sustainable developments, that can decrease the social, environmental and economic impact of this high magnitude projects. It is well suited for cities that seek to turn over the negative impact of existing massive low income housing programs, avoiding segregation, impoverishment of communities, transportation and environmental costs/ impacts associated with families moving long distances to and from work, school, health and or other needs.	Built Environment; Community development; Construction; Housing; Urban planning
Give2Asia	Crowd funding for municipal governments	Give2Asia's crowdfunding service enables cities implementing charitable projects in Asia to fundraise for projects amongst their stakeholders in the USA.	The service is helpful for cities that have resilience needs that lack funding, to engage with communities and patrons in the USA that support the cause.	Economic development; Finance
Government Finance Officers Association (GFOA)	GFOA	GFOA provides best practice guidance, consulting, networking opportunities, publications including books, e-books, and periodicals, recognition programs, research, and training opportunities for those in the profession. GFOA has identified 5 tools in particular to help local governments make better financial decisions under conditions of crisis or long-term stressors.	GFOA's resources and technical assistant are best suited for cities looking to improve their governance structure, helping officials seeking guidance on best practices in areas such as legislation, regulation, business process improvement, financial planning, budgeting and financial management, procurement, and financial reporting.	Educational/vocational Training; Finance; Government & Policy
Michael Page	Michael Page Group Recruiting Services (MP)	Recruitment services for cities looking for a CRO	Cities who are having trouble finding the right CRO	Communications – media
Microsoft	Cyber Resilience Best Practice and Strategy Development	Provide best practices and resources for cities to develop/improve their cybersecurity strategies to improve resilience. Cybersecurity experts will lead workshops to design a cyber-resilience roadmap.	Cities can develop or revise their cybersecurity strategy and/or polices. Support cities with investments in ICT services around big data and the internet of things, prompting city leaders to look at cybersecurity posture and plans to ensure cyber resilience.	ICT
MWH Global	Advisory and Technical Support Services	Advisory and technical support services to assist or guide cities in further assessing and prioritizing water and infrastructure-related focus areas, and provide guidance on a range of institutional and financial issues important to successful implementation of the City Resilience Strategy.	A city should use service to assess environmental and infrastructure-related focus areas in more detail and begin developing or executing detailed implementation plans for its City Resilience Strategy. Particularly well suited to support cities that need to manage significant water-related risks in the context of broader urban planning, infrastructure and economic development priorities.	Infrastructure; Water management; Water management – water infrastructure
New Star Light Company/Foundation	New Starlight Foundation	They promote the development of sustainable urban environments in Mandalay and emerging cities and towns of Upper Myanmar and the Upper Mekong Delta.	Best suited for secondary cities and towns in South and Southeast Asia dealing with substantial growth pressures over the next several decades as the region's enormous development potential is exploited.	Community development; Environmental conservation
Palantir Technologies	Data integration and mapping - Built Environment Module	Module integrates information about the built environment (building data), economic resilience (business sector and employee information), and vunerabilities to shocks and stresses in one place.	Helps analyze what businesses, sectors and employees may be at risk during a large-scale event. Long term planning - eg. what parts of city should be targeted for mitigation measures, what types of buildings should be retrofitted etc.	Built Environment; ICT
Palantir Technologies	Data integration and mapping - Public Safety Resilience Module	Module integrates city hot spots to tackle crime and violence, and respond to non-emergency requests (such as but not limited to 911 and 311 info)	Allows cities to plan deployment to high crime areas to increase safety for all. Long term planning - eg. explore correlation between crime hotspots and city indicators, which areas are more susceptible to violence after a shock.	Crime and violence; ICT
Palantir Technologies	Data integration and mapping - Public Health Resilience Module	Module can analyze where most vulnerable populations are and plan to better serve challenged individuals during calm times as well as major shocks	Allows cities to find and better serve vulnerable populations Find where public health issues are concentrated, if public services are well distributed, which areas are underserved by sanitation departments, if shelters have necessary equipment ready for deployment during a shock or ongoing stress	ICT; Public health
Palantir Technologies	Data integration and mapping - Situational Awareness Module	Module brings together data sets from critical assets, utilities, built environment with weather conditions and alerts to create a geospatial hub for situational awareness, asset management, and storm tracking.	Provides way for cities to quickly gather and integrate information about conditions before, during, and after a major event. Allows cities to complete tasks in minutes rather than hours or days, reducing time required to identify when, where, how problems occur.	DRM/Emergency response; ICT
QCRI	Artificial Intelligence for Resilient Societies (AIRS) web-based platform	Artificial Intelligence for Resilient Societies (AIRS), is an open source web-based platform developed by QCRI that automatically classifies tweets using a set of algorithms in order to understand the development of impending shocks and stresses in a city.	A city can automatically identify variables that drive resilience in real time, and use AIRS to look for early signs of disasters, shocks, and stresses, eliminating the need to wait for governments' annual reports to retrieve data.	Community development; ICT
Risk Management Solutions (RMS)	RMS Catastrophe Models	Models offer cities technology to better quantify and manage natural hazard risks. Models run on RMS(One) Platform.	Helps cities understand risk, prioritize mitigation investments, analyze risk financing schemes, respond to disasters by rapidly quantifying expected damage and direct allocation of resources.	Risk modeling
Risk Management Solutions (RMS)	RMS(One)	Exposure and risk management platform - a system for record keeping of exposure data to be systematically improved and updated over time. Platform allows cities to run catastrophe models to quantify expected damage and casualties, analyze what-if scenarios to assess benefits of mitigation investments	Enables cities to better understand, manage, respond to catastrophe events, estimate losses and prioritize emergency response activities, assess and prioritize mitigation investments.	Risk modeling
Sandia National Laboratories	Energy Resilience Design – Generation and Distribution	Using computer models and subject matter expertise to develop designs to help cities evaluate existing electric grid performance and inter-dependencies with other critical systems such as transportation, water, waste, and identify the disasters that pose the greatest risks to which parts of the energy system.	Helps cities that are seeking to improve system-wide operations, or those that have an ageing or inefficient city system infrastructure.	Energy; Urban planning; Risk modeling

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Sandia National Laboratories	Infectious Disease Risk Assessment	This is network/GIS modeling of how disease spreads through individuals in a city, taking into account health infrastructure, hospital surge capacity, medical supply-chain constraints, community vaccination profiles etc. Sandia will design intervention strategies to mitigate outbreaks.	Helps cities to minimize the impact of the spread of infectious diseases. The process will ensure city understands its infectious disease risks and generate plan to specific disease and strains.	Public health; Risk modeling
Sandia National Laboratories	Advanced Hazard Analysis	Using computer models and subject matter expertise to identify where a city's infrastructure is at greatest risk to a shock, and identify direct effects and the more significant cascading effects as a result of the shock	Help cities assess direct and indirect risks posed by hazards such as storm surge, flooding, hurricanes, earthquakes, and explore the complex effects on cities' lifeline systems.	Risk modeling
Sandia National Laboratories	Water-systems Risk Management	Cities use computer modelling in all parts of the water management and planning process. Examples: assess water supply and demand, all-system risk assessments on water assets, implementing new affordable technologies that rapidly detect new sources of contaminants.	Helps cities solve difficult water management problems. Help cities in developing countries with limited access to clean water, or cities with poor or aging water infrastructure.	Risk modeling; Water management – water infrastructure
Sandia National Laboratories	All Shocks and Stresses Risk Assessment	Computer simulation and modeling to evaluate shocks and stresses a city is most vulnerable to, through a collaborative, scientific decision-making process.	Helps cities concerned with multiple potential shocks and stresses that need to prioritize city efforts due to limited resources. The process ensures the city understands its particular set of risks and can generate cost-effective risk-mitigation plans	Urban planning; Risk modeling
Sandia National Laboratories	Critical Function Assessment	Using computer models and subject matter expertise, Sandia assesses a city's critical functions and identifies cost-effective disaster recovery strategies that rapidly restore these functions. Works with cities to defnie disaster recovery objectives	Can help cities prioritize assets across scenarios and identify alternate means of meeting recovery objectives during and after a disaster	Risk modeling
Social Finance	Pay-for-success (PFS) advisory services	Social Finance is offering advisory services to help cities assess the feasibility of PFS projects around a single issue area in their jurisdictions, and map next steps to design and execute a PFS transaction	The services are best suited for cities that have a clear social issue identified and aligned with policy priorities. Feasibility is best assessed in conjunction with a committed State-level partner, as well as willingness from the City to share administrative data with external parties. The service will offer cities the opportunity to explore potential interventions and outcomes that might be derived from a PFS project.	Finance; Social enterprise
Swiss Re	CatNet®	Natural hazard web tool - local and regional. Can determine what types of hazards a city faces, how often and how badly city is affected.	Cities can visualize and assess their natural hazard unique risk profile and exposure. Cities can ascertain the exposure of their specific assets at risk, particularly the financial impacts, but can also look at the exposure of critical resources such as hospitals, emergency services, and vulnerable populations.	DRM/Emergency response; Insurance; Risk modeling
The Nature Conservancy	Resource Investment Optimization System (RIOS)	Software tools and technical assistance. Standardized, science-based approach to watershed mgmt. Designs investment portfolios showing where investments will be most cost-effective, feasible, and benefit investors.	Suited for government agencies to develop plans within their budgets to maximized desired water benefits. Cities identify best locations for protection and restoration activities to max. ecological ROI	Climate change; Environmental conservation; Finance; Water management; Water management – water infrastructure
The Nature Conservancy	Coastal Resilience	An approach and online decision support tools used to guide decisions to reduce ecological and socio-economical risks of coastal hazards, and develop risk reduction solutions. Addresses storm surge, sea level rise, natural resources, vulnerable communities and assets	Provides cities with an organized approach to decision making to coastal resilience, especially in regard to coastal hazard mitigation, restoration, post-storm redevelopment planning.	Climate change; Environmental conservation; Water management
The Nature Conservancy	InVEST Software Models	A suite of software models and technical assistance to help cities quantify, visualize, compare delivery of ecosystems under different scenarios of land, water, marine uses. Evaluates trade-offs for alternative management choices	Suited to inform city policy and program designs- eg. Land/marine use plans, environmental assessments, payment for ecosystem services, climate adaptation strategies, mitigation and offsets.	Climate change; Environmental conservation; Water management
The Nature Conservancy	Climate Wizard Web Tool	Web tool for cities to assess how climate has changed over time and project future changes in a given local/regional area. Tool produces maps of past and projected temperature, precipitation trends, summary statistics, trends, GIS data	Enables cities to visualize and communicate the impacts of climate change across the globe - to technical and non-technical audiences alike.	Climate change; Environmental conservation
The Nature Conservancy	Urban Water Blueprint	The Urban Water Blueprint analyzes the state of water in more than 2,000 watersheds and 530 cities worldwide to provide science based recommendations for natural solutions that can be integrated alongside traditional infrastructure to improve water quality.	City and utility leaders who embraced both natural and engineered water infrastructure will not only meet future water demand; they will reshape our planet's landscape for the better.	Climate change; Environmental conservation; Water management
Trimble Navigation	eCognition Essentials (land classification software)	eCognition Essentials is a remote sensing classification software that that simplifies aerial image processing for local and regional environmental analysis and allows users to quickly produce high-quality maps ready for use in any Geographic Information System (GIS).	The service is useful for cities to rapidly assess existing conditions on the ground and classify environments (eg. water, vegetation, man-made objects) for risk assessment, disaster response, urban planning.	ICT; Modeling/Technology
U.S. Environmental Protection Agency	EnviroAtlas	EnviroAtlas is an interactive web-based tool that enables cities and their communities to help inform policy and planning decisions that impact the places where people live, learn, work, and play. EnviroAtlas combines maps, analysis tools, fact sheets, and downloadable data for users to explore the benefits people receive from ecosystems.	The tool is best suited for community decision makers and various levels of governance that need to make strategic choices about development and environmental policy by gaining a comprehensive understanding of the interactions between human activities and ecosystem services.	Environmental conservation
U.S. Environmental Protection Agency	CANARY: Drinking Water Contamination Early Warning Sensor System	The CANARY drinking water contamination early warning system software is designed to enhance the quality of drinking water systems through the rapid detection of contaminated water, enabling cities to reduce human exposure to contaminants harmful to health.	The software will be helpful to cities seeking to prevent and mitigate the impact of contamination events to public health, such as minimizing the risk of waterborne diseases, or contaminated source water entering drinking water systems. It will also help to reduce overall costs associated with water contamination.	Environmental conservation; Public health; Water management
U.S. Environmental Protection Agency	Alternative Air Quality Monitoring	Alternative (non-traditional) low cost/low maintenance air quality monitoring instruments provide and real-time air pollution measurements (PM2.5, ozone) at lower cost and maintenance. The instruments also measure weather conditions (wind, temperature, and relative humidity) in real-time.	Useful for long-term measurement of air pollution and weather conditions, providing data on local air quality at places where it is thought to be problematic, and serving as an educational tool for the community.	Infrastructure; Public health
U.S. Environmental Protection Agency	Green Infrastructure Strategies	EPA could provide technical assistance to cities with projects focused on implementation of green infrastructure. Resources include best practices, assessment tools, case studies to educate on GI and low impact development (LID)	Technical assistance could help address technical, regulatory, and institutional barriers to green infrastructure, and build community capacity by applying and sharing lessons learned.	Built Environment; Environmental conservation; Infrastructure; Water management
U.S. Environmental Protection Agency	Health Impact Assessment	Health Impact Assessment (HIA) is a decision-making tool that assists stakeholders and policy-makers in understanding the public health consequences associated with a plan, project or policy. This will help leaders maximize the human health benefits of policies or projects already under consideration.	HIA can be used to enhance a policy/intervention (e.g. green infrastructure, transit design, energy programs), to maximize the benefits (safety, walkability, reduced respiratory illness, water-borne disease) and minimize adverse consequences. HIA can be applied to a wide variety of community planning or policy actions including zoning changes, transit oriented development, water and wastewater infrastructure and emergency response.	Built Environment; Infrastructure; Government & Policy; Public health; Urban planning

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UC Berkeley Center for Catastrophic Risk Management	CCRM Advisory Services	Experts in the fields of engineering, social science, medicine, public health, public policy, and law will help cities see the larger systemic contexts of organization problems, lay the groundwork for intra- and inter-organizational collaboration, and apply experience from a wide variety of sectors to cross-cutting issues.	Cities can use the service to help improve their problem formulation processes and help understand how to work across organizational silos. The service can be useful for cities looking at problems in areas such as public safety, robust infrastructure for water, waste, energy, and transportation.	Academic/Research
Ushahidi	Resilience Network Initiative	Web based crowdsourcing tools and applications to collect citizen feedback and data.	Cities can have direct engagement and fostering exchange of information between individuals, CBOs, and government.	Communications – media; ICT
US HHS ASPR	MedMap	A GIS based online interactive mapping application. It incorporates info from numerous sources, internal and external to US HHS to single, detailed, graphic display.	Working with HHS Regional personnel, cities can assess health infrastructure and current events that might affect needs of the local/regional area. Data available on medical care sites, health resources, mobilization points.	Public health
US HHS ASPR	Now Trending -- Web Based Tool	Web-based tool that allow public health practitioners to effectively track twitter trends in illnesses, diseases, and natural disaster topics.	Provides an easy way to include social media data into public health mission without putting forth limited resources to make sense of data. Cuts through noise and large volumes of Twitter data and gets to the heart of conversations about health in the community.	Public health
Veolia	Guidance on Water, Wastewater, Energy, and Solid Waste Management	Veolia will provide guidance and share best practices with cities on activities related to water and wastewater, energy, and solid waste management. A Veolia team will work with the city to create a resilient infrastructure roadmap on one of these elements as identified from the city's focus areas.	This service is well suited for cities with water, wastewater, energy, or solid waste management infrastructure problems that have been identified through their focus areas, and are looking to create actionable steps to implementing solutions.	Energy; Infrastructure; Urban planning; Waste management; Water management
Virginia Tech, Advanced Research Institute	Integrated Incremental Seismic Retrofit of Existing Vulnerable Buildings (IISR)	IISR is a methodology for the assessment and reduction of seismic risk in existing buildings. IISR addresses the context of occupied buildings in terms of acceptable cost, minimizing business or functional interruption and maximizing potential seismic resistance. The methodology is designed to respond particularly to the need for continuity of business or public function and the constraints of financing and real estate value.	IISR provides building owners and managers the means to evaluate their seismic risk in terms of physical damage, personal injury and business interruption. IISR is most relevant to cities with a significant existing stock of pre-code (designed and constructed befor the advent of modern seismic design standards-post 1970).	Built Environment; Infrastructure
World Bank	City Creditworthiness Initiative	Technical assistance program in revenue management, climate mart capital investment planning, debt financing strategies, public-private partnerships, transaction advisory, and building an enabling environment for sub-national finance.	This service will help senior financial officials in cities to master the underpinnings of creditworthiness. It will also help cities strengthen their financial performance, improve their creditworthiness, and structure market-based transactions (including public-private partnerships, loans/bonds).	Economic development; Educational/vocational Training
World Wildlife Fund	Earth Hour City Challenge	Cities that join EHCC report their climate change and environmental sustainability data. EHCC also highlights solutions and challenges for cities and identifies options for networking and collaboration between cities to build energy security, environmental sustainability, and climate resilience.	Cities can use EHCC to track their climate and environmental actions in a transparent and comparable manner and receive feedback and global recognition for their work. WWF supports EHCC cities with ongoing local citizen engagement campaigns as well as national and global media/communications channels. It is suited for cities at different stages of their climate and environmental planning, and can be used for planning, harmonization of reporting standards, and to seek investments for mitigation and adaptation strategies.	Climate change; Government & Policy