

PIONEERED BY THE
ROCKEFELLER FOUNDATION

100

RESILIENT

CITIES

100 Resilient Cities Challenge

Apply by November 24, 2015

www.100resilientcities.org/challenge

1. Please complete the following background information.

First and Last name, title of the person who completed this entry form.

First Name:*

Chiara

Last Name:*

Santoro

Title:*

Architect, Head of Urban Planning Division

Organization:*

L'Aquila Municipality

Email:*

chiara.santoro@comune.laquila.gov.it

First and last name, title, organization, and email of up to two key contacts (note: if you are an affiliated organization applying on behalf of a city, here you are required to list your official city contact and include his or her email address below)

Contact 1

First Name:*

Velia

Last Name:*

Di Gregorio

Title:*

Engineer , local authority employee

Organization:*

L'Aquila Municipality

Email:*

velia.digregorio@comune.laquila.gov.it

Contact 2

(Must be a different contact than those listed above)

First Name:*

Carmelina

Last Name:*

De Rose

Title:*

Geologist, local authority employee

Organization:*

L'Aquila Municipality

Email:*

carmelina.derose@comune.laquila.gov.it

City:

Country:*

Italy

City:*

L'Aquila

City Population:*

(Numbers Only)

68304

Online Source for City Population:

www.demo-istat.it

Year of City Population Estimate:

2011

Metro Area Population:*

(Numbers Only)

85612

Online Source for Metro Area Population:

www.demo-istat.it

Year of Metro Area Population Estimate:

2011

Phone number of the person who completed the entry form:*

(Numbers only, including country code)

+39 0862645441

Organization Name:*

Municipality of L'Aquila

I heard about the 100 Resilient Cities Challenge via (select as many as applicable):

(Select All That Apply)

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> 100 Resilient Cities Challenge website | <input type="checkbox"/> Rockefeller Foundation website | <input type="checkbox"/> Rockefeller Foundation newsletter or listserv |
| <input type="checkbox"/> 100 Resilient Cities Challenge email communication | <input type="checkbox"/> Traditional local media coverage | <input type="checkbox"/> Online local media coverage |
| <input type="checkbox"/> Online international media coverage | <input type="checkbox"/> Web Search | <input type="checkbox"/> Direct call from Challenge outreach staff |
| <input type="checkbox"/> Forwarded Challenge email from family, friend, or colleague | <input type="checkbox"/> Organization other than 100 Resilient Cities | <input type="checkbox"/> NYT Cities for Tomorrow Conference |
| <input type="checkbox"/> World Cities Summit | <input type="checkbox"/> Global Alliance of Mayors and Leaders from Africa and of African Descent Annual Meeting | <input type="checkbox"/> Other Event |
| <input type="checkbox"/> Social Media | <input type="checkbox"/> Other | |
-

I agree to all [rules and legal conditions](#) associated with this challenge.*

I agree

If selected as an awardee, I will commit to the 100 Resilient Cities resilience definition and approach.*

I agree

I am 18 years of age or older.*

I agree

I have the permission and support of my city government to submit this application (if applicable).*

I agree

2. Select a total of four shocks that are most relevant to your city, and rank the shocks by order of the magnitude with which they affect, or threaten to affect your city.

Rank each shock on a scale of 1-4, with "1" = the greatest risk to your city. Select 'n/a' in subsequent drop downs if you have recorded all relevant shocks but your selection does not total four.

Shock 1:*

(Select One)

- | | | |
|---|--|---|
| <input type="checkbox"/> Blizzard | <input type="checkbox"/> Disease Outbreak | <input checked="" type="checkbox"/> Earthquake |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding | <input type="checkbox"/> Hazardous Materials Accident |
| <input type="checkbox"/> Heat Wave | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide | <input type="checkbox"/> Riot/Civil Unrest | <input type="checkbox"/> Terrorism |
| <input type="checkbox"/> Cyber Attack | <input type="checkbox"/> Tsunami | <input type="checkbox"/> Volcanic Activity |
| <input type="checkbox"/> Wildfire | <input type="checkbox"/> N/A | |

Shock 2:*

(Select One)

- | | | |
|---|---|---|
| <input type="checkbox"/> Blizzard | <input type="checkbox"/> Disease Outbreak | <input type="checkbox"/> Earthquake |
| <input type="checkbox"/> Coastal Flooding | <input checked="" type="checkbox"/> Rainfall Flooding | <input type="checkbox"/> Hazardous Materials Accident |
| <input type="checkbox"/> Heat Wave | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide | <input type="checkbox"/> Riot/Civil Unrest | <input type="checkbox"/> Terrorism |
| <input type="checkbox"/> Cyber Attack | <input type="checkbox"/> Tsunami | <input type="checkbox"/> Volcanic Activity |
| <input type="checkbox"/> Wildfire | <input type="checkbox"/> N/A | |

Shock 3:*

(Select One)

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Blizzard | <input type="checkbox"/> Disease Outbreak | <input type="checkbox"/> Earthquake |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding | <input type="checkbox"/> Hazardous Materials Accident |
| <input type="checkbox"/> Heat Wave | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide | <input type="checkbox"/> Riot/Civil Unrest | <input type="checkbox"/> Terrorism |
| <input type="checkbox"/> Cyber Attack | <input type="checkbox"/> Tsunami | <input type="checkbox"/> Volcanic Activity |
| <input type="checkbox"/> Wildfire | <input type="checkbox"/> N/A | |

Shock 4:*

(Select One)

- | | | |
|-----------------------------------|---|-------------------------------------|
| <input type="checkbox"/> Blizzard | <input type="checkbox"/> Disease Outbreak | <input type="checkbox"/> Earthquake |
|-----------------------------------|---|-------------------------------------|

- | | | |
|--|--|---|
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding | <input type="checkbox"/> Hazardous Materials Accident |
| <input type="checkbox"/> Heat Wave | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide | <input type="checkbox"/> Riot/Civil Unrest | <input type="checkbox"/> Terrorism |
| <input type="checkbox"/> Cyber Attack | <input type="checkbox"/> Tsunami | <input type="checkbox"/> Volcanic Activity |
| <input checked="" type="checkbox"/> Wildfire | <input type="checkbox"/> N/A | |

2.1 Select a total of four stresses that are most relevant to your city, and rank the stresses by order of the magnitude with which they affect, or threaten to affect your city.

Rank each stress on a scale of 1-4, with "1" = the greatest risk to your city. Select 'n/a' in subsequent drop downs if you have recorded all relevant stresses but your selection does not total four.

Stress 1:*

(Select One)

- | | | |
|---|--|---|
| <input type="checkbox"/> Aging Infrastructure | <input type="checkbox"/> Chronic Energy Shortages | <input type="checkbox"/> Commodity Price Fluctuations |
| <input type="checkbox"/> Declining Population | <input type="checkbox"/> Aging Population | <input type="checkbox"/> Drought & Water Shortage |
| <input type="checkbox"/> Endemic Crime & Violence | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse | <input type="checkbox"/> Food Shortage |
| <input type="checkbox"/> High Unemployment | <input type="checkbox"/> Impending Depletion of Natural Resources | <input type="checkbox"/> Insufficient Educational Infrastructure |
| <input type="checkbox"/> Intractable Homelessness | <input type="checkbox"/> Invasive Species | <input type="checkbox"/> Lack Of Affordable Housing |
| <input checked="" type="checkbox"/> Lack of Social Cohesion | <input type="checkbox"/> Overpopulation | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence | <input type="checkbox"/> Poor Air Quality/Pollution | <input type="checkbox"/> Poor Health Infrastructure |
| <input type="checkbox"/> Pronounced Poverty | <input type="checkbox"/> Inequality | <input type="checkbox"/> Refugees |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A | |

Stress 2:*

(Select One)

- | | | |
|---|--|--|
| <input type="checkbox"/> Aging Infrastructure | <input type="checkbox"/> Chronic Energy Shortages | <input type="checkbox"/> Commodity Price Fluctuations |
| <input type="checkbox"/> Declining Population | <input type="checkbox"/> Aging Population | <input type="checkbox"/> Drought & Water Shortage |
| <input type="checkbox"/> Endemic Crime & Violence | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse | <input type="checkbox"/> Food Shortage |
| <input type="checkbox"/> High Unemployment | <input type="checkbox"/> Impending Depletion of Natural Resources | <input type="checkbox"/> Insufficient Educational Infrastructure |
| <input type="checkbox"/> Intractable Homelessness | <input type="checkbox"/> Invasive Species | <input type="checkbox"/> Lack Of Affordable Housing |
| <input type="checkbox"/> Lack of Social Cohesion | <input type="checkbox"/> Overpopulation | <input checked="" type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence | <input type="checkbox"/> Poor Air Quality/Pollution | <input type="checkbox"/> Poor Health Infrastructure |
| <input type="checkbox"/> Pronounced Poverty | <input type="checkbox"/> Inequality | <input type="checkbox"/> Refugees |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A | |

Stress 3:*

(Select One)

- | | | |
|---|---|---|
| <input type="checkbox"/> Aging Infrastructure | <input type="checkbox"/> Chronic Energy Shortages | <input type="checkbox"/> Commodity Price Fluctuations |
| <input checked="" type="checkbox"/> Declining Population | <input type="checkbox"/> Aging Population | <input type="checkbox"/> Drought & Water Shortage |
| <input type="checkbox"/> Endemic Crime & Violence | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse | <input type="checkbox"/> Food Shortage |
| <input type="checkbox"/> High Unemployment | <input type="checkbox"/> Impending Depletion of Natural Resources | <input type="checkbox"/> Insufficient Educational Infrastructure |
| <input type="checkbox"/> Intractable Homelessness | <input type="checkbox"/> Invasive Species | <input type="checkbox"/> Lack Of Affordable Housing |
| <input type="checkbox"/> Lack of Social Cohesion | <input type="checkbox"/> Overpopulation | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence | <input type="checkbox"/> Poor Air Quality/Pollution | <input type="checkbox"/> Poor Health Infrastructure |

- | | | |
|---|--|---|
| <input type="checkbox"/> Pronounced Poverty | <input type="checkbox"/> Inequality | <input type="checkbox"/> Refugees |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A | |

Stress 4:*

(Select One)

- | | | |
|---|---|---|
| <input type="checkbox"/> Aging Infrastructure | <input type="checkbox"/> Chronic Energy Shortages | <input type="checkbox"/> Commodity Price Fluctuations |
| <input type="checkbox"/> Declining Population | <input type="checkbox"/> Aging Population | <input type="checkbox"/> Drought & Water Shortage |
| <input type="checkbox"/> Endemic Crime & Violence | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse | <input type="checkbox"/> Food Shortage |
| <input type="checkbox"/> High Unemployment | <input type="checkbox"/> Impending Depletion of Natural Resources | <input type="checkbox"/> Insufficient Educational Infrastructure |
| <input type="checkbox"/> Intractable Homelessness | <input type="checkbox"/> Invasive Species | <input type="checkbox"/> Lack Of Affordable Housing |
| <input type="checkbox"/> Lack of Social Cohesion | <input type="checkbox"/> Overpopulation | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence | <input type="checkbox"/> Poor Air Quality/Pollution | <input type="checkbox"/> Poor Health Infrastructure |
| <input type="checkbox"/> Pronounced Poverty | <input type="checkbox"/> Inequality | <input type="checkbox"/> Refugees |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion | <input checked="" type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A | |

3. Select four shocks that have limited to no impact on your city, and rank the shocks by order of the least magnitude with which they affect, or threaten to affect, your city.

Rank each shock on a scale of 1-4, with "1" = the least risk to your city. Select "n/a" in subsequent dropdowns if you have recorded all limited-impact shocks but your selection does not total four.

Shock 1:*

(Select One)

- | | | |
|---|--|---|
| <input type="checkbox"/> Blizzard | <input type="checkbox"/> Disease Outbreak | <input type="checkbox"/> Earthquake |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding | <input type="checkbox"/> Hazardous Materials Accident |
| <input type="checkbox"/> Heat Wave | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input checked="" type="checkbox"/> Landslide | <input type="checkbox"/> Riot/Civil Unrest | <input type="checkbox"/> Terrorism |
| <input type="checkbox"/> Cyber Attack | <input type="checkbox"/> Tsunami | <input type="checkbox"/> Volcanic Activity |
| <input type="checkbox"/> Wildfire | <input type="checkbox"/> N/A | |

Shock 2:*

(Select One)

- | | | |
|---|--|---|
| <input type="checkbox"/> Blizzard | <input type="checkbox"/> Disease Outbreak | <input type="checkbox"/> Earthquake |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding | <input checked="" type="checkbox"/> Hazardous Materials Accident |
| <input type="checkbox"/> Heat Wave | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide | <input type="checkbox"/> Riot/Civil Unrest | <input type="checkbox"/> Terrorism |
| <input type="checkbox"/> Cyber Attack | <input type="checkbox"/> Tsunami | <input type="checkbox"/> Volcanic Activity |
| <input type="checkbox"/> Wildfire | <input type="checkbox"/> N/A | |

Shock 3:*

(Select One)

- | | | |
|---|--|--|
| <input type="checkbox"/> Blizzard | <input type="checkbox"/> Disease Outbreak | <input type="checkbox"/> Earthquake |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding | <input type="checkbox"/> Hazardous Materials Accident |
| <input type="checkbox"/> Heat Wave | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input checked="" type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide | <input type="checkbox"/> Riot/Civil Unrest | <input type="checkbox"/> Terrorism |
| <input type="checkbox"/> Cyber Attack | <input type="checkbox"/> Tsunami | <input type="checkbox"/> Volcanic Activity |
| <input type="checkbox"/> Wildfire | <input type="checkbox"/> N/A | |

Shock 4:*

(Select One)

- | | | |
|-----------------------------------|---|-------------------------------------|
| <input type="checkbox"/> Blizzard | <input type="checkbox"/> Disease Outbreak | <input type="checkbox"/> Earthquake |
|-----------------------------------|---|-------------------------------------|

- | | | |
|---|--|---|
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding | <input type="checkbox"/> Hazardous Materials Accident |
| <input type="checkbox"/> Heat Wave | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide | <input type="checkbox"/> Riot/Civil Unrest | <input type="checkbox"/> Terrorism |
| <input type="checkbox"/> Cyber Attack | <input type="checkbox"/> Tsunami | <input type="checkbox"/> Volcanic Activity |
| <input type="checkbox"/> Wildfire | <input checked="" type="checkbox"/> N/A | |

3.1 Select four stresses that have limited to no impact on your city, and rank the stresses by order of the least magnitude with which they affect, or threaten to affect, your city.

Rank each stress on a scale of 1-4, with "1" = the least risk to your city. Select "n/a" in subsequent dropdowns if you have recorded all limited-impact stresses but your selection does not total four.

Stress 1:*

(Select One)

- | | | |
|---|--|---|
| <input type="checkbox"/> Aging Infrastructure | <input type="checkbox"/> Chronic Energy Shortages | <input type="checkbox"/> Commodity Price Fluctuations |
| <input type="checkbox"/> Declining Population | <input checked="" type="checkbox"/> Aging Population | <input type="checkbox"/> Drought & Water Shortage |
| <input type="checkbox"/> Endemic Crime & Violence | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse | <input type="checkbox"/> Food Shortage |
| <input type="checkbox"/> High Unemployment | <input type="checkbox"/> Impending Depletion of Natural Resources | <input type="checkbox"/> Insufficient Educational Infrastructure |
| <input type="checkbox"/> Intractable Homelessness | <input type="checkbox"/> Invasive Species | <input type="checkbox"/> Lack Of Affordable Housing |
| <input type="checkbox"/> Lack of Social Cohesion | <input type="checkbox"/> Overpopulation | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence | <input type="checkbox"/> Poor Air Quality/Pollution | <input type="checkbox"/> Poor Health Infrastructure |
| <input type="checkbox"/> Pronounced Poverty | <input type="checkbox"/> Inequality | <input type="checkbox"/> Refugees |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A | |

Stress 2:*

(Select One)

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Aging Infrastructure | <input type="checkbox"/> Chronic Energy Shortages | <input type="checkbox"/> Commodity Price Fluctuations |
| <input type="checkbox"/> Declining Population | <input type="checkbox"/> Aging Population | <input type="checkbox"/> Drought & Water Shortage |
| <input type="checkbox"/> Endemic Crime & Violence | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse | <input type="checkbox"/> Food Shortage |
| <input type="checkbox"/> High Unemployment | <input type="checkbox"/> Impending Depletion of Natural Resources | <input type="checkbox"/> Insufficient Educational Infrastructure |
| <input type="checkbox"/> Intractable Homelessness | <input type="checkbox"/> Invasive Species | <input type="checkbox"/> Lack Of Affordable Housing |
| <input type="checkbox"/> Lack of Social Cohesion | <input type="checkbox"/> Overpopulation | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence | <input type="checkbox"/> Poor Air Quality/Pollution | <input type="checkbox"/> Poor Health Infrastructure |
| <input type="checkbox"/> Pronounced Poverty | <input type="checkbox"/> Inequality | <input type="checkbox"/> Refugees |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A | |

Stress 3:*

(Select One)

- | | | |
|---|---|---|
| <input type="checkbox"/> Aging Infrastructure | <input type="checkbox"/> Chronic Energy Shortages | <input type="checkbox"/> Commodity Price Fluctuations |
| <input type="checkbox"/> Declining Population | <input type="checkbox"/> Aging Population | <input type="checkbox"/> Drought & Water Shortage |
| <input type="checkbox"/> Endemic Crime & Violence | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse | <input type="checkbox"/> Food Shortage |
| <input checked="" type="checkbox"/> High Unemployment | <input type="checkbox"/> Impending Depletion of Natural Resources | <input type="checkbox"/> Insufficient Educational Infrastructure |
| <input type="checkbox"/> Intractable Homelessness | <input type="checkbox"/> Invasive Species | <input type="checkbox"/> Lack Of Affordable Housing |
| <input type="checkbox"/> Lack of Social Cohesion | <input type="checkbox"/> Overpopulation | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence | <input type="checkbox"/> Poor Air Quality/Pollution | <input type="checkbox"/> Poor Health Infrastructure |

- | | | |
|---|--|---|
| <input type="checkbox"/> Pronounced Poverty | <input type="checkbox"/> Inequality | <input type="checkbox"/> Refugees |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A | |

Stress 4:*

(Select One)

- | | | |
|---|--|---|
| <input type="checkbox"/> Aging Infrastructure | <input type="checkbox"/> Chronic Energy Shortages | <input type="checkbox"/> Commodity Price Fluctuations |
| <input type="checkbox"/> Declining Population | <input type="checkbox"/> Aging Population | <input type="checkbox"/> Drought & Water Shortage |
| <input type="checkbox"/> Endemic Crime & Violence | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse | <input type="checkbox"/> Food Shortage |
| <input type="checkbox"/> High Unemployment | <input type="checkbox"/> Impending Depletion of Natural Resources | <input type="checkbox"/> Insufficient Educational Infrastructure |
| <input type="checkbox"/> Intractable Homelessness | <input type="checkbox"/> Invasive Species | <input type="checkbox"/> Lack Of Affordable Housing |
| <input type="checkbox"/> Lack of Social Cohesion | <input type="checkbox"/> Overpopulation | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence | <input type="checkbox"/> Poor Air Quality/Pollution | <input type="checkbox"/> Poor Health Infrastructure |
| <input type="checkbox"/> Pronounced Poverty | <input type="checkbox"/> Inequality | <input type="checkbox"/> Refugees |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input checked="" type="checkbox"/> N/A | |

4. Brief us on the long-term impact of your greatest existing or imminent stress.

(250 word limit)

Greatest Stress:*

(Select One)

- | | | |
|---|--|---|
| <input type="checkbox"/> Aging Infrastructure | <input type="checkbox"/> Chronic Energy Shortages | <input type="checkbox"/> Commodity Price Fluctuations |
| <input type="checkbox"/> Declining Population | <input type="checkbox"/> Aging Population | <input type="checkbox"/> Drought & Water Shortage |
| <input type="checkbox"/> Endemic Crime & Violence | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse | <input type="checkbox"/> Food Shortage |
| <input type="checkbox"/> High Unemployment | <input type="checkbox"/> Impending Depletion of Natural Resources | <input type="checkbox"/> Insufficient Educational Infrastructure |
| <input type="checkbox"/> Intractable Homelessness | <input type="checkbox"/> Invasive Species | <input type="checkbox"/> Lack Of Affordable Housing |
| <input checked="" type="checkbox"/> Lack of Social Cohesion | <input type="checkbox"/> Overpopulation | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence | <input type="checkbox"/> Poor Air Quality/Pollution | <input type="checkbox"/> Poor Health Infrastructure |
| <input type="checkbox"/> Pronounced Poverty | <input type="checkbox"/> Inequality | <input type="checkbox"/> Refugees |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A | |

The urban layout of L'Aquila, characterized by a centralization of most urban functions, was greatly affected by the 2009 earthquake. Following the earthquake, the historical center, which hosted the main administrative, financial and social functions, was closed down. The population was dislocated in the surrounding territory in a series of new towns, without a parallel displacement of the above urban functions, and more specifically those in support of the town social cohesion.

The new town layout is weaker, less structured and with little physical and social cohesion. The aging population was particularly affected by the lack of social services, while the road system congestion and a generalized decrease in accessibility disaggregated the town. As a whole, the town has become less capable of resisting stresses deriving from the different possible hazards existing in the area. In these conditions, that tends to become structural, the 2009 earthquake has amplified the pre-existing reduced resilience.

The town resilience is also affected by reliance on a predominant source of employment, the public sector, and the lack of a diversified productive system. Unemployment, particularly among the youth, has increased since the quake, resulting in a population decline.

The rapid urban sprawling that resulted from the 2009 quake and the current social and economic situation clearly point to the need to rethink the town planning and organization to increase resilience not only from the physical (most buildings are much safer now than they were before the quake) but more importantly from the social and economic view points.

4.1 Brief us on how your city will be impacted when your highest-ranking shock occurs.

(250 word limit)

Greatest Shock:*

(Select One)

- | | | |
|---|--|---|
| <input type="checkbox"/> Blizzard | <input type="checkbox"/> Disease Outbreak | <input checked="" type="checkbox"/> Earthquake |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding | <input type="checkbox"/> Hazardous Materials Accident |
| <input type="checkbox"/> Heat Wave | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide | <input type="checkbox"/> Riot/Civil Unrest | <input type="checkbox"/> Terrorism |
| <input type="checkbox"/> Cyber Attack | <input type="checkbox"/> Tsunami | <input type="checkbox"/> Volcanic Activity |
| <input type="checkbox"/> Wildfire | <input type="checkbox"/> N/A | |

The old town of L'Aquila, the fifth largest one in Italy as a percentage of the total town area, has the intrinsic systemic vulnerability typical of all Italian old towns. The extensive use of masonry as the main construction material; the road layout characterized by little public space, few squares and narrow streets; and the concentration (before the 2009 earthquake) of primary services such as schools, public offices, etc. make the old town very vulnerable as a whole to a new seismic event. Currently, the old buildings are being retrofitted and refurbished to reduce the impact of a new earthquake, and the process will continue for another 20 years. Nevertheless, little is being done to reduce the systemic vulnerability of the old town. As a consequence, many problems the city suffered from after the 2009 earthquake could occur again. All the issues related to the loss of functionality of the city, including: loss of cultural identity, lack of social cohesion, road closure, congested transportation system, and difficulty for the rescue teams to provide the first aids could happen again. The cold winter and the possibility of blizzard is an additional issue for the emergency management in the case of another shock. The impact of this new shock combined with the effect of the already chronic stresses as amplified by the 2009 earthquake (lack of social cohesion, declining population, unreliable transportation system, etc.) highlights the need for an integrated development plan aiming to increase overall resilience

4.2 Select the last significant shock that occurred and briefly detail what happened and how your city reacted.

(100 word limit)

Last Significant Shock:*

(Select One)

- | | | |
|---|--|---|
| <input type="checkbox"/> Blizzard | <input type="checkbox"/> Disease Outbreak | <input checked="" type="checkbox"/> Earthquake |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding | <input type="checkbox"/> Hazardous Materials Accident |
| <input type="checkbox"/> Heat Wave | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide | <input type="checkbox"/> Riot/Civil Unrest | <input type="checkbox"/> Terrorism |
| <input type="checkbox"/> Cyber Attack | <input type="checkbox"/> Tsunami | <input type="checkbox"/> Volcanic Activity |
| <input type="checkbox"/> Wildfire | <input type="checkbox"/> N/A | |

A 6.2 Magnitude earthquake hit L'Aquila April 6 2009:
-- Rescue teams could hardly access the old town;
-- Emergency strategic infrastructures (including hospitals) unusable;
-- 309 fatalities, many injured people and entire population displaced for at least 5 months;
-- Historical centre severely damaged and only partially reopened;
-- Damage to building stock estimated in 15 billion Euros;
-- 19 small "New Towns" and 3000 temporary flats built before winter for 24000 dislocated people;
-- Lifelines severely damaged;
-- Most institutions and services relocated;
-- 6.5 years later, 15% population reduction

Year of Last Significant Shock:

2009

5. Of the four greatest shocks you listed in question 2, pick the one you are best prepared to face. Tell us why you are prepared to face this shock.

(250 word limit)

Shock:*

(Select One)

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Blizzard | <input type="checkbox"/> Disease Outbreak | <input type="checkbox"/> Earthquake |
| <input type="checkbox"/> Coastal Flooding | <input type="checkbox"/> Rainfall Flooding | <input type="checkbox"/> Hazardous Materials Accident |
| <input type="checkbox"/> Heat Wave | <input type="checkbox"/> Hurricane, Typhoon, Cyclone | <input type="checkbox"/> Infrastructure failure (i.e. bridge, nuclear power plant, electric grid) |
| <input type="checkbox"/> Landslide | <input type="checkbox"/> Riot/Civil Unrest | <input type="checkbox"/> Terrorism |
| <input type="checkbox"/> Cyber Attack | <input type="checkbox"/> Tsunami | <input type="checkbox"/> Volcanic Activity |
| <input type="checkbox"/> Wildfire | <input type="checkbox"/> N/A | |

Even though L'Aquila, because of its latitude and altitude, isn't a typical mountain town, it still has the typical character of an alpine place. That's why every year, the OFFICE OF CIVIL DEFENSE prepares the SNOW EMERGENCY PLAN. That Plan faces the two most important critical issues: snow and/or ice on the roads.

Early warning from the Weather Forecast System, is essential, as is deployment of the FIRST RESPONSE SYSTEM to re-establish normal conditions in as little time as possible.

When the weather forecast predicts conditions of potential danger, the FIRST RESPONSE SYSTEM come into play:

- As soon as the snowfall begins or sharp drop in temperatures are registered snow-ploughs and/or salt-spreaders are sent out;
- In case of conditions that exceed the normal seasonal cold temperature and/or snowfalls, the MUNICIPAL EMERGENCY PLAN OPERATING PROCEDURES are followed;
- All public resources are coordinated by the municipality offices.

Even in the case of lack of notice, crews are always active and ready to be deployed not more than 30 minutes after since the snow starts falling.

The Civil Protection National Department and the Abruzzo Region Administration emanate the weather forecast to let the Municipality immediately plan the operations and to mitigate the hazard. The weather warning is an important information that the Municipality also broadcasts to the town citizens through the mass media to give them enough time to be ready to face the emergency.

6. Of the four greatest stresses you listed in question 2.1, pick the one you are best prepared to face. Tell us why you are prepared to face this stress.

(250 word limit)

Stress.*

(Select One)

- | | | |
|---|--|---|
| <input type="checkbox"/> Aging Infrastructure | <input type="checkbox"/> Chronic Energy Shortages | <input type="checkbox"/> Commodity Price Fluctuations |
| <input type="checkbox"/> Declining Population | <input type="checkbox"/> Aging Population | <input type="checkbox"/> Drought & Water Shortage |
| <input type="checkbox"/> Endemic Crime & Violence | <input type="checkbox"/> Epidemic of Drug And Alcohol Abuse | <input type="checkbox"/> Food Shortage |
| <input type="checkbox"/> High Unemployment | <input type="checkbox"/> Impending Depletion of Natural Resources | <input type="checkbox"/> Insufficient Educational Infrastructure |
| <input type="checkbox"/> Intractable Homelessness | <input type="checkbox"/> Invasive Species | <input type="checkbox"/> Lack Of Affordable Housing |
| <input checked="" type="checkbox"/> Lack of Social Cohesion | <input type="checkbox"/> Overpopulation | <input type="checkbox"/> Overtaxed/Under Developed/Unreliable Transportation System |
| <input type="checkbox"/> Political Instability/Sectarian Violence | <input type="checkbox"/> Poor Air Quality/Pollution | <input type="checkbox"/> Poor Health Infrastructure |
| <input type="checkbox"/> Pronounced Poverty | <input type="checkbox"/> Inequality | <input type="checkbox"/> Refugees |
| <input type="checkbox"/> Rising Sea Level and Coastal Erosion | <input type="checkbox"/> Shifting Macroeconomic Trends/Over Reliance On One Industry | <input type="checkbox"/> Significant Environmental Degradation, Air/Water Pollution |
| <input type="checkbox"/> Water Management Issues (i.e. problems with wastewater and drinking water) | <input type="checkbox"/> N/A | |

The administration started a series of projects aimed at mitigating the lack of social cohesion. These projects, however, are not connected and in order to be effective need to be part of a new, unified plan for revamping the town quality of life.

The following initiatives are under way:

-- Local network of proximity services: This is a public-private initiative in support of the Municipal Welfare system. It aims at helping the less fortunate -- by providing services beyond the Essential Levels of Social Support;

Opening of a Participation Office and application of the new Rules for Participating Institutes;

-- Urban Center L'Aquila Cultural Association. Its objective is to include as many stakeholders as possible in actively promoting discussion on the ongoing transformation of the town layout;

-- Participated Spending initiative, where by citizens are involved in choices related to public spending;

-- Urban Garden Project, for the green areas of the New Towns, following environmental and social sustainability principles and for the promotion of traditional activities. The project gives priority to the weaker social classes and promotes projects that foster social participation;

SUN Social Urban Network project. This is a "smart communities" initiative, that promotes consolidation of the "sense of community" through the organization of cultural events;

Web PIAZZA 100, a virtual square for restarting the town community.

It hosts local news, discusses local groups' activities, promotes social debates;

YEP! (Youth Emergency Participation) project, that involves different towns and aims at involving young individuals and youth associations in managing post-emergency crises.

7. Write about an experience that demonstrated a need for greater resilience in your city and how it impacted your city's ability to function.*

(250 word limit)

The 2009 earthquake was a medium-intensity seismic event that caused a disproportionately large amount of damage and suffering. It revealed huge amounts of vulnerability on both material and immaterial components of the system.

The Municipality, in cooperation with the National Civil Protection Department, provided an effective and rapid response to the emergency with a broad range of activities: search and rescue, sheltering for 70.000 displaced people, damage assessment, shoring structures.

Even if the ongoing reconstruction process will reduce the structural vulnerability of single buildings, it is not addressing the high level of urban system vulnerability (both functional and social). Given the high seismic hazard of the area, a new shock is likely to generate some of the most critical effects caused by 2009 earthquake and still affecting the local community: critical services interruption, poor quality and functionality of the public space network, unavailability of cultural and identity heritage, urban sprawl, lack of stakeholder empowerment and social cohesion, population decline. At six year from the 2009 event, one can observe that the emergency management policy did not foster a holistic and shared vision about the city's future, mainly due to the lack of preparedness and awareness of community about risk-exposure and system vulnerability. Actually, many of the current functional problems are caused by this critical aspect of the emergency management policies. This experience demonstrates that the city urgently needs to develop and implement a long-term resilience strategy, which should primarily address the urban quality and functionality.

7.1 One of our four core offerings is support for the city, led by the CRO, to develop a City Resilience Strategy, a six to nine month transversal approach to diagnosing the city's shocks, stresses, and capacities as well as identifying actionable initiatives to address the resilience issues identified through the diagnostic. This process often involves building on existing plans of the city such as master plans and economic development strategies when they exist. It involves gaining perspectives from the community and private sectors, and necessitates collaboration among leaders in government. How

would you integrate the 100RC Resilience Strategy process into your city's planning? Please detail how this process could align with your current planning around resilience.

(250 word limit)

The Municipality has recently started the process of developing the new city masterplan, which already considers urban resilience improvement one of its main strategic thrusts.* The masterplan intends to enhance resilience using strategies for the mitigation of risks related to management of the territory, with particular attention to urban seismic vulnerability, but also includes ideas to overcome shifting macroeconomic trends, generate urban attractiveness and value landscape/rural resources.

This is therefore an ideal time to address issues related to resilience with an integrated and multi-level approach. In fact, the 100RC Resilience Strategy process would align with the ongoing urban planning activity by greatly increasing its impact on the city future.

The city masterplan governance model allows for a wide participation of leaders in government, stakeholders and local community, thus offering a favourable environment for the development of shared visions.

On one hand, the resilience strategy would enlarge the scope of the ongoing masterplan process and on the other the city masterplan regulatory framework would support the effective and coherent implementation of such a strategy.

*(see the chapter 2 of the masterplan concept paper,
http://www.comune.laquila.gov.it/pagina1060_documento-preliminare-del-nuovo-prg.html)

8. In order to develop an inclusive resilience plan that reflects the needs of the entire city, which partners (i.e. current networks, stakeholders, and collaborators) will your city need to engage in the future?

Partner 1

Name of Partner:*

University of L'Aquila

Sector:*

(Select One)

Public

Private

Local Civil Society

International NGOs

Academia

List any concrete examples of planned or completed work.*

(100 word limit)

The Department of Civil, Construction-Architectural and Environmental Engineering of the University of L'Aquila carried out:

- Vulnerability analyses;
- Seismic site characterizations;
- Proposal for restoring interventions

for several strategic and monumental buildings and infrastructures damaged by the 2009 earthquake, including: the Cathedral of S. Maria di Collemaggio, Palazzo Margherita (the City Hall), the Belvedere bridge, the Regional Hospital, several school buildings.

Describe how you'll include them in developing and executing a resilience plan.*

(100 word limit)

To reduce physical exposure and vulnerability of strategic buildings where critical functions and services are managed, and to help preserving the rich monumental and historical heritage of the old town, the University of L'Aquila can provide an operative support to: (i) characterize the local seismic response of the sites; (ii) to assess the seismic capacity of buildings and infrastructures; and (iii) to provide technical directions for the retrofit and strengthening of buildings and infrastructures.

Partner 2

Name of Partner:*

University of Chieti- Pescara

Sector:*

(Select One)

- Public Private Local Civil Society
 International NGOs Academia

List any concrete examples of planned or completed work.*

(100 word limit)

The Department of Architecture and the Department of Engineering and Geology of the University of Chieti Pescara have :

- completed several reconstruction plans after the 2009 earthquake;
- worked at multi-risk assessments at the urban and territorial level;
- developed several seismic microzonation plans for different areas of Abruzzo;
- extensive experience on performance-based seismic prevention strategies.

Describe how you'll include them in developing and executing a resilience

plan.*

(100 word limit)

The University of Chieti Pescara can support in analyzing the resilience (or lack thereof) at the urban scale in the pre-2009 earthquake and can support identifying strategic elements and defining priorities for actions in developing urban scale policies that increase resilience. Performance-based targets for different hazard levels can be identified to reach resilience, looking not at the built environment, but at all physical and non physical subsystems of a town, including social and economic issues. Its expertise in seismic microzonation and natural hazards will also support the development prevention policies within the urban resilience plan.

Partner 3

Name of Partner:*

ActionAid International Italia Onlus

Sector:*

(Select One)

- Public Private Local Civil Society
 International NGOs Academia

List any concrete examples of planned or completed work.*

(100 word limit)

ActionAid Italia develops medium-long term local programmes in order to increase the community's level of resilience.
Since 2009, ActionAid has implemented the following activities in L'Aquila:
-- Community workshops for including the population in the reconstruction of the public architectural heritage (IAP Project)
-- Participatory Vulnerability Analysis (PVA) to increase the community's awareness regarding the vulnerabilities of the territory and spread the Civil Protection Plan

-- Support of socio-economically vulnerable families through projects and activities in schools (Italia del Futuro/Italy of the Future Project)

Describe how you'll include them in developing and executing a resilience plan.*

(100 word limit)

ActionAid will include the civil society's point of view in the realization of the Plan. ActionAid will contribute to the inclusion of the community in the city's Resilience Plan, it will facilitate the participation of locally active CSOs, stakeholders and the directly involved communities. Moreover, ActionAid will share its own international methodologies on Disaster Risk Reduction with the project partners.

8.1 Have you had any previous engagement with large private sector actors in order to implement public sector work?

(Select One)

Yes

No

If yes, briefly describe that experience.

(100 word limit)

After the 2009 earthquake:

- The Carispaq Foundation financially supported the construction of a new seismic engineering laboratory;
- ENI financially supported the restoration of the historical Cathedral of S. Maria di Collemaggio.
- FIAT financially and technically supported the construction of a kindergarten.
- BCC financially supported the restoration of Palazzo Margherita, the City Hall.

In the Smart City Project, the Municipality of L'Aquila and ENEL work together to improve the energy performance of the the city through tangible actions such as enhancing lifelines (smart grid) and placing electric vehicle charging stations for zero-emission mobility, but also improving community awareness about energy saving.

8.2 Please detail any significant past engagements (other than those listed above) with external partners, i.e. public, private, local civil society, international NGOs, or academia.

(100 word limit)

The Municipality of L'Aquila is partner in a few projects funded by the EU, including:

-- EDUCEN, focused on enhancing knowhow on sustainable management and conservation of the cultural heritage threatened by natural hazards. It involves 11 international Partners, headed by the UNIVERSITY OF WAGENINGEN.

-- Response Holistic system for Agile responses (RHEA) to natural disasters is a project still under evaluation. It aims at designing a set of guidelines and accompanying tools to enhance forecasting of extreme weather events and maximizing the efficacy and speed of emergency response.

The Project involves 20 international partners headed by the University of Patras.

8.3 Include website links to the critical partners and networks with whom you already engage.

```
www.fondazioneclarispaq.it
www.cnr.it
www.eni.it
www.fiat.it
www.unicredit.it
https://enel.distribuzione.enel.it/it-IT/smart_cities
https://enel.distribuzione.enel.it/it-IT/smart_cities_mondo
http://www.educenproject.eu/
www.univaq.it
www.unich.it
www.actionaid.it
http://www.actionaid.org/sites/files/actionaid/disaster_risk_reduction_through_schools.pdf
https://www.actionaid.it/come-puoi-aiutarci/sostienici/litalia-del-futuro
www.progettolap.it
http://www.iosonoqui.eu/
```

9. From the list below, select three areas that are of immediate interest to your city

Please note that if a city is invited to join the Network, the priority areas selected in this application may shift based on issues identified during the 100RC diagnostic process. For a more detailed explanation of these priorities, visit our FAQ.

Priority Area 1*

(Select One)

- | | | |
|--|---|--|
| <input type="checkbox"/> Minimal human vulnerability | <input type="checkbox"/> Diverse livelihoods and employment | <input type="checkbox"/> Adequate safeguards to human life and health |
| <input type="checkbox"/> Collective identity and mutual support | <input type="checkbox"/> Social stability and security | <input type="checkbox"/> Availability of financial resources and contingency funds |
| <input type="checkbox"/> Reduced physical exposure and vulnerability | <input type="checkbox"/> Continuity of critical services | <input type="checkbox"/> Reliable communications and mobility |
| <input type="checkbox"/> Effective leadership and management | <input type="checkbox"/> Empowered stakeholders | <input checked="" type="checkbox"/> Integrated development planning |
| <input type="checkbox"/> N/A | | |

Priority Area 2*

(Select One)

- | | | |
|---|---|--|
| <input type="checkbox"/> Minimal human vulnerability | <input type="checkbox"/> Diverse livelihoods and employment | <input type="checkbox"/> Adequate safeguards to human life and health |
| <input type="checkbox"/> Collective identity and mutual support | <input type="checkbox"/> Social stability and security | <input type="checkbox"/> Availability of financial resources and contingency funds |
| <input checked="" type="checkbox"/> Reduced physical exposure and vulnerability | <input type="checkbox"/> Continuity of critical services | <input type="checkbox"/> Reliable communications and mobility |
| <input type="checkbox"/> Effective leadership and management | <input type="checkbox"/> Empowered stakeholders | <input type="checkbox"/> Integrated development planning |
| <input type="checkbox"/> N/A | | |

Priority Area 3*

(Select One)

- | | | |
|--|---|--|
| <input type="checkbox"/> Minimal human vulnerability | <input type="checkbox"/> Diverse livelihoods and employment | <input type="checkbox"/> Adequate safeguards to human life and health |
| <input type="checkbox"/> Collective identity and mutual support | <input type="checkbox"/> Social stability and security | <input type="checkbox"/> Availability of financial resources and contingency funds |
| <input type="checkbox"/> Reduced physical exposure and vulnerability | <input type="checkbox"/> Continuity of critical services | <input checked="" type="checkbox"/> Reliable communications and mobility |
| <input type="checkbox"/> Effective leadership and management | <input type="checkbox"/> Empowered stakeholders | <input type="checkbox"/> Integrated development planning |
| <input type="checkbox"/> N/A | | |

10. Please attach your letter of support from the chief executive

officer of your city.

This letter must (1) clearly state that the city's chief executive officer agrees with all answers to the questions found within this application, (2) indicate a commitment to providing the necessary support if the city is selected for the 100 Resilient Cities program, and (3) briefly detail the city's capacity and willingness to adopt and implement a citywide strategy.

Upload Letter:*

City Chief Executive Officer's First Name:*

City Chief Executive Officer's Last Name:*

Title:*

Position Type:*

(Select One)

Appointed

Elected

Time served in office (# months elapsed from entering office until present day)*

Duration of their remaining tenure (# months remaining in term of office)*

Eligible for another term:*

(Select One)

Yes

No

If yes, how long is the term (# months):

Name, email address, and phone number to reach the appropriate point of contact in this office (e.g. the mayor's executive assistant)

Support Contact First Name:*

Massimo

Support Contact Last Name:*

Marchetti

Email Address:*

massimo.marchetti@comune.laquila.gov.it

Phone Number:*

(Numbers only, including country code)

393383736299

Name, email address, and phone number to contact the chief press officer

Press First Name:*

Simona

Press Last Name:*

Malavolta

Email Address:*

simona.malavolta@ comune.laquila.gov.it

Phone Number:*

(Numbers only, including country code)

393347683193

11. Cities are currently integrating the role of Chief Resilience Officer (CRO) using various approaches; the following outlines models that are being implemented across the globe. Select the model of greatest interest to your city based on the city's structure and needs:

Model A. An existing staff member becomes the city's CRO, and resilience is a new portfolio.

For example: A city combines the Office of Emergency Management (OEM) and Office of Climate Change into a single department: The Office of Resilience. The former head of OEM is appointed CRO and reports directly to the Mayor. All the employees of the two formerly separate departments report to this new CRO.

Model B. An existing staff member becomes the city's CRO. The employee retains components of an existing portfolio, and adds a focus on resilience.

For example: A city appoints the Chief of Preparedness as CRO, adding resilience to her portfolio. The city then hires an additional staff member to ensure the efforts are sustainable.

Model C. The CRO is a new staff member; the portfolio is new.

For example: A city creates a new Office of Resilience and hires an outside employee to run it. No existing city departments are altered. The CRO coordinates across all government silos to create a resilience strategy.

Model D. The CRO is a new staff member; the portfolio is existing or merged with other functions.

For example: A city merges the Department of the Environment and the Earthquake Preparedness office, creating a new resilience office headed by a CRO hired from outside the government. The employees from the formerly separate departments all report to the CRO, who reports directly to the Mayor.

Select Model:*

(Select One)

A

B

C

D

11.1 Tell us why the model that you selected will work best for your city, including the political support you have in place to support this structure. Describe which city officials will directly support the CRO to work transversally across city departments and with civil society. Please pay special attention to how the chief executive officer will communicate with and support the CRO.

(250 word limit)

As pointed out in section 7.1, the City faces a particularly favourable time to seize the opportunity to develop an integrated resilience strategy and give it a direct implementation framework within the new City Masterplan, which is currently at a preliminary stage. In order to better achieve the above described integration policy, it seems appropriate to appoint the current Head of Urban Planning Division as the new CRO, enlarging her portfolio and creating a new section within the existing Office for the new City Masterplan, with a special focus on resilience strategy. The CRO-Head of Urban Planning Division would also be able to work transversally across city departments, by means of the existing Inter-disciplinary Permanent Committee for the new City Masterplan - which gathers the leading bodies of all the administrative divisions with a particular relevance on urban and resilience strategies. The Head of Urban Planning Division is already appointed for technical advice and implementation of the Major and City Council policies, therefore as the new CRO she will directly communicate with and receive support from the leading political body of the municipality.

12. Outline your vision for the Chief Resilience Officer, including the proposed CRO reporting structure you plan to implement if your city is selected as a network member. Please also indicate if your city already has any similar position to the CRO role. Note that 100 Resilient Cities values CRO structures in which the CRO reports directly to the city's chief executive or to his / her direct reports.*

(250 word limit)

The Chief Resilience Officer is a municipal manager, according to the Italian regulatory framework for local councils. This figure can be selected and appointed directly by the Mayor to run a municipal division with specific tasks and dedicated human and financial resources. The CRO has a specialized professional profile within a broad range of disciplines spanning from urban planning and built environment, to sociology and economics, to managerial and participatory tools. The CRO ensures that the ongoing activity for the new city masterplan includes a specific focus and a specific strategic and regulatory framework on the improvement of urban resilience; for this reason the Head of Urban Planning Division, which currently leads the Office for the new city masterplan, will be appointed as CRO. She will also foster the development of a shared resilience strategy and its integration within the whole administrative policy of the municipality, by means of cooperation with the leading bodies of all the other municipal departments, with the resilience strategy development partners, with stakeholders and local communities. She will report directly to the Mayor, who chairs the local government assembly and receives political support by the municipal council, directly elected by the citizens.

12.1. In order to build and implement an effective resilience strategy, the city must convene its own resources in addition to what 100RC provides (i.e. a CRO and technical assistance funding). We have discovered three items which are vital for success: staff support and administrative personnel for the CRO; a leadership body such as a steering committee or task force to advise and accelerate the priorities; a dedicated department, policy office, or bureau for resilience with an operational budget to aid in travel, production of publications, public events, etc. Please describe if and how you are intending to provide these items to your Chief Resilience Officer.

(100 word limit)

The municipality intends to provide all the above mentioned items in order to build and implement an effective strategy:

- The CRO, as a municipality manager, is assigned dedicated human/financial resources with the capability to autonomously manage them, according to targets indicated by the local government body;
- Creation of a Resilience Strategy Section, within the existing Office for the new city masterplan, as a task force providing specific advice to CRO in partnership with major experts from academic and private sectors (see point 8);
- Creation of a dedicated section within the budget of Urban Planning Division.

13. We appreciate that cities need to start large projects at different times based on their elections cycles, budgeting processes, etc. Please select your city's preferred month in 2016 to begin planning and implementing your resilience plan. To better understand and adequately plan for the work undertaken

during the first few months, the current 100 Resilient Cities Engagement Cycle is roughly as follows: Months one and two center on city onboarding; an initial strategy workshop, with stakeholders from across silos and sectors, happens at the end of month three. The CRO recruitment process takes place during months three and four. The strategy development phase - an intensive period - occurs over six to nine months, starting at the beginning of month five.*

Select the preferred month to begin planning and implementing your resilience plan (e.g. March).

(Select One)

- | | | |
|----------------------------------|---|------------------------------------|
| <input type="checkbox"/> January | <input type="checkbox"/> February | <input type="checkbox"/> March |
| <input type="checkbox"/> April | <input checked="" type="checkbox"/> May | <input type="checkbox"/> June |
| <input type="checkbox"/> July | <input type="checkbox"/> August | <input type="checkbox"/> September |
| <input type="checkbox"/> October | <input type="checkbox"/> November | <input type="checkbox"/> December |

13.1 Briefly describe why you chose this month.

(50 word limit)

The masterplan concept paper will finish the administrative process according to the Italian regulatory framework at the beginning of 2016. Therefore May 2016 could be a suitable choice to include the resilience strategy in the development of masterplan planning.

14. Has your city previously accepted grants from international civil society organizations?*

(Select One)

Yes

No

14.1. If yes, how did you collect this grant (e.g. did you receive it directly, have a fiscal sponsor).

(100 word limit)

Name of Organization:

14.2 Detail the nature and length of the grant (e.g. technical assistance infrastructure planning grant that lasted 24 months).

(100 word limit)

Length in Months:

15. 100 Resilient Cities is interested in the possibility of testing partnerships among adjoining municipalities that have both applied for the Challenge. Are there any adjoining cities that you would be interested in partnering with while developing your resilience strategy and, if so, which?

City:

Point of Contact

First Name:

Last Name:

Title:

15.1 Are they applying?

(Select One)

Yes

No