



Grumento Nova, Italy

Local progress report on the implementation of the 10 Essentials for Making Cities Resilient (2013-2014)

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Essential 1

Put in place organization and coordination to understand and reduce disaster risk, based on participation of citizen groups and civil society. Build local alliances. Ensure that all departments understand their role to disaster risk reduction and preparedness.

How well are local organizations (including local government) equipped with capacities (knowledge, experience, official mandate) for disaster risk reduction and climate change adaptation?

Level of Progress achieved: 3

Description of Progress & Achievements:

The Municipality avails itself of the figures specified in the Civil Protection Plan, of the voluntary associations and of the local enterprises that will provide tools and equipments needed to handle the emergency.

The Civil Protection Plan is approved with Municipal Council deliberation n.33 on 27th November 2012.

To what extent do partnerships exist between communities, private sector and local authorities to reduce risk?

Level of Progress achieved: 1

Description of Progress & Achievements:

At the moment there are no partnerships with privates, but efforts are being devoted to the creation of co-operations with private sectors, and with community and local organizations (volunteers playing a strategic role) involved in the DDR processes. There is collaboration with the Regional and in particular the Provincial local authorities. By means of a statement of commitment, the Municipality has established a formal cooperation with the Province of Potenza for the integration of environmental sustainability and territorial security themes in the urban and land-use

government actions.

How much does the local government support vulnerable local communities (particularly women, elderly, infirmed, children) to actively participate in risk reduction decision-making, policy making, planning and implementation processes?

Level of Progress achieved: 2

Description of Progress & Achievements:

There are no relevant participation.

To what extent does the local government participate in the national DRR planning?

Level of Progress achieved: 3

Description of Progress & Achievements:

The Italian civil protection law requires that the local emergency management plan must be drawn up according to the criteria and the procedures of the guidelines adopted by the National Civil Protection System and the regional governments. Moreover the law requires the abovementioned plan to be sent to the Region, the Prefecture and the competent Province.

The Municipality takes part, according to the Italian regulations, in the National Civil Protection System and has the task to highlight critical situations on the territory. The Mayor has a stimulating task in higher-level programs, thanks to his territorial knowledge, and coordinates at local level the management of the emergency.

Essential 2

Assign a budget for disaster risk reduction and provide incentives for homeowners, low-income families, communities, businesses and public sector to invest in reducing the risks they face.

How far does the local government have access to adequate financial resources to carry out risk reduction activities?

Level of Progress achieved: 1

Description of Progress & Achievements:

At the moment there is no access to financial resources. During the last years there have been difficulties linked to financial constraints imposed by the Stability Pact and gradual reduction of national financial resources with serious repercussions on disaster risk reduction. However, the Municipality is trying to set up tools to overcome the financial problem.

To what degree does the local government allocate sufficient financial resources to carry out DRR activities, including effective disaster response and recovery?

Level of Progress achieved: 2

Description of Progress & Achievements:

The Municipality annually allocates averagely €. 15.000,00 for the snow emergency plan, corresponding to 1% of its total budget.

What is the scope of financial services (e.g. saving and credit

schemes, macro and micro-insurance) available to vulnerable and marginalised households for pre- disaster times?

Level of Progress achieved: 3

Description of Progress & Achievements:

0% of the budget

To what extent are micro finance, cash aid, soft loans, lone guarantees etc available to affected households after disasters to restart livelihoods?

Level of Progress achieved: 1

Description of Progress & Achievements:

There are no such benefits.

How well established are economic incentives for investing in disaster risk reduction for households and businesses (e.g. reduced insurance premiums for households, tax holidays for businesses)?

Level of Progress achieved: 2

Description of Progress & Achievements:

In order to obtain risks active mitigation the Province, by means of its Territorial Coordination Plan (TCP), will try to have a coordinating role in facilitating the

implementation of programs of extraordinary territorial maintenance by local governments, through the identification of incentives and procedural facilitation. Measures encouraging private investment in municipal areas affected by instability will be set up: a) private funds for risks reduction on the territory, with the possibility of acquisition, by private investors, of surface rights to be used, thanks to a sustainable land use and the application of the best available technologies, for risk prevention and environment safeguarding; b) private funds for risk reduction in buildings with historical and cultural interest, including them in circuits of sustainable tourism, rather than in local culture centres.

To what extent do local business associations, such as chambers of commerce and similar, support efforts of small enterprises for business continuity during and after disasters?

Level of Progress achieved: 1

Description of Progress & Achievements:

At the moment they don't give any support

Essential 3

Maintain up-to-date data on hazards and vulnerabilities, prepare risk assessments and use these as the basis for urban development plans and decisions. Ensure that this information and the plans for your city's resilience are readily available to the public and fully discussed with them.

To what degree does the local government conducted thorough disaster risk assessments for key vulnerable development sectors in your local authority?

Level of Progress achieved: 2

Description of Progress & Achievements:

Anyway, our local territory undergoes risk assessments carried out by higher-level authorities, within their specific competencies (Provincial Authority - information database of hazard the vulnerability of the territory related to provincial Natural and Environmental, Infrastructural and Settlement systems and cognitive frameworks in the Territorial Coordination Plan; hazard, vulnerability and exposure to the most important territorial risks assessments inside the Provincial Civil Protection Plan; Basin Authority – assessment of hydraulic and hydro-geological risks; Regional Authority, etc.).

To what extent are these risk assessments regularly updated, e.g. annually or on a bi-annual basis?

Level of Progress achieved: 2

Description of Progress & Achievements:

Periodically, with frequency depending on the type of risk assessed.

How regularly does the local government communicate to the community, information on local hazard trends and risk reduction measures (e.g. using a Risk Communications Plan) including early warnings of likely hazard impact?

Level of Progress achieved: 4

Description of Progress & Achievements:

The community is informed through cell phone messages (SMS), monthly publications, information campaigns with publication and meetings on the Civil Protection Plan and on the external emergency plan of the COVA (Val d'Agri Oil Centre).

How well are local government risk assessments linked to, and supportive of, risk assessments from neighbouring local authorities and state or provincial government risk management plans?

Level of Progress achieved: 3

Description of Progress & Achievements:

The community is informed through cell phone messages (SMS), monthly publications, information campaigns with publication and meetings on the Civil Protection Plan and on the external emergency plan of the COVA (Val d'Agri Oil Centre). According to the subsidiarity principle, higher-level authorities (National government, Region, Province) support any actions made by municipalities, while cooperation with neighbouring local authorities is activated to face common issues when necessary. In particular, the Province is in charge of providing cognitive, methodological and procedural support to maximize common interest key issues, such as: analysis of major risks, planning of local actions, correct information for local decision-making, technical and methodological support in planning territorial safety activities, provision of information, best practices and experiences existing also at international level, that can be implemented locally, etc. Municipalities are required to deepen and integrate information about risks (especially the vulnerability and exposure data set), to assess the sustainability of the local land-use plans and interventions, to define specific requirements and risk-mitigation measures. The

Province will assure the coordination of the specific actions providing for a wide area view and the strengthening of whole community resilience to risks and disasters.

How well are disaster risk assessments incorporated into all relevant local development planning on a consistent basis?

Level of Progress achieved: 3

Description of Progress & Achievements:

The local development is based on urban planning tools that have been updated during the years and take into account disaster risk assessment but with reference to some risks where specific national/regional regulations and enforcing higher-level planning tools exist. Improvements are needed for taking into account multi-risk analysis and comprehensive sectorials and area approaches. The Province of Potenza will coordinate the Municipalities in integrating risk assessments and analysis into local development planning on a consistent basis by means of the Territorial Coordination Structural Plan (TCP) and its interaction with local land-use planning and government actions

Essential 4

Invest in and maintain critical infrastructure that reduces risk, such as flood drainage, adjusted where needed to cope with climate change.

How far do land use policies and planning regulations for housing and development infrastructure take current and projected disaster risk (including climate related risks) into account?

Level of Progress achieved: 3

Housing	Yes
Communication	No
Transportation	Yes
Energy	Yes

Description of Progress & Achievements:

The local development is based on urban planning tools that have been updated during the years and take into account disaster risk assessment but with reference to some risks where specific national/regional regulations exist . Improvements are needed for taking into account multi-risk analysis and comprehensive sectorials and area approaches. The Province of Potenza will coordinate the Municipalities in integrating risk assessments and analysis into local development planning on a consistent basis by means of the Territorial Coordination Structural Plan (TCP) and its interaction with local land-use planning and government actions

How adequately are critical public facilities and infrastructure located in high risk areas assessed for all hazard risks and safety?

Level of Progress achieved: 2

Description of Progress & Achievements:

Public structures (schools, municipal hall) under higher seismic risk are those adopted before the regional seismic regulations came in force (1981).

How adequate are the measures that are being undertaken to protect critical public facilities and infrastructure from damage during disasters?

Level of Progress achieved: 2

Description of Progress & Achievements:

No special actions aimed at mitigating vulnerability effects on public structures and infrastructures have been undertaken.

Essential 5

Assess the safety of all schools and health facilities and upgrade these as necessary.

To what extent have local schools, hospitals and health facilities received special attention for "all hazard" risk assessments in your local authority?

Level of Progress achieved: 3

Schools	Yes
Hospitals/ health facilities	No

Description of Progress & Achievements:

A study on the seismic vulnerability of the secondary and primary schools buildings has been commissioned. That study has been deepened afterwards, with regard to the secondary school building.

How safe are all main schools, hospitals and health facilities from disasters so that they have the ability to remain operational during emergencies?

Level of Progress achieved: 2

Schools	Yes
Hospitals/ health facilities	No

Description of Progress & Achievements:

The safety level of schools is poor and they cannot stay operational during

emergencies.

To what degree do local government or other levels of government have special programs in place to regularly assess schools, hospitals and health facilities for maintenance, compliance with building codes, general safety, weather-related risks etc.?

Level of Progress achieved: 1

Schools	Yes
Hospitals/ health facilities	Yes

Description of Progress & Achievements:

Public infrastructures are periodically assessed in order to ensure compliance with national and regional codes and regulations.

How far are regular disaster preparedness drills undertaken in schools, hospitals and health facilities?

Level of Progress achieved: 4

Schools	Yes
Hospitals/ health facilities	No

Description of Progress & Achievements:

There are drills organised every six months. For example, schools, according to the regulations in force, carry out at least two evacuation drills a year, involving all the people who make use of the structure (professors, technical-administrative staff, students).



Essential 6

Apply and enforce realistic, risk compliant building regulations and land use planning principles. Identify safe land for low-income citizens and develop upgrading of informal settlements, wherever feasible.

How well are risk-sensitive land use regulations and building codes, health and safety codes enforced across all development zones and building types?

Level of Progress achieved: 3

Description of Progress & Achievements:

At the local scale, land use regulations, related building codes and other applicable safety codes, across development zones in and out of the built-up center and all building types, are based on urban planning tools that have been updated during the years and take into account disaster risk assessment but with reference to some risks where specific national/regional regulations and enforcing higher-level planning tools exist. Improvements are needed for taking into account multi-risk analysis and comprehensive sectorials and area approaches

How strong are existing regulations (e.g. land use plans, building codes etc) to support disaster risk reduction in your local authority?

Level of Progress achieved: 3

Description of Progress & Achievements:

At the local scale, existing regulations (land use plans, related building codes and other applicable regulations) are based on urban planning tools that have been updated during the years and take into account disaster risk assessment but with reference to some risks where specific national/regional regulations exist. Improvements are needed, mostly for including integrated multi-risk assessment and

overall resilience analysis for demonstrating the improvement of the current risk levels in a consistent way



Essential 7

Ensure education programmes & training on disaster risk reduction are in place in schools and communities.

How regularly does the local government conduct awareness-building or education programs on DRR and disaster preparedness for local communities?

Level of Progress achieved: 3

Programs include cultural diversity issues	No
Programs are sensitive to gender perspectives	No

Description of Progress & Achievements:

Planned actions are the following: awareness campaign with distribution of brochures, meetings and seminars.

To what extent does the local government provide training in risk reduction for local officials and community leaders?

Level of Progress achieved: 2

Description of Progress & Achievements:

The Municipality provides voluntary associations with funds for.

To what degree do local schools and colleges include courses,

education or training in disaster risk reduction (including climate related risks) as part of the education curriculum?

Level of Progress achieved: 4

Description of Progress & Achievements:

There are courses included in the educational policy plan.

How aware are citizens of evacuation plans or drills for evacuations when necessary?

Level of Progress achieved: 2

Description of Progress & Achievements:

Citizens are averagely aware of them.

Essential 8

Protect ecosystems and natural buffers to mitigate floods, storm surges and other hazards to which your city may be vulnerable. Adapt to climate change by building on good risk reduction practices.

How well integrated are local government DRR policies, strategies and implementation plans with existing environmental development and natural resource management plans?

Level of Progress achieved: 3

Description of Progress & Achievements:

Municipal planning totally respects both existing and under upgrading environmental development plans (e.g. forest adaptation plan).

To what degree does the local government support the restoration, protection and sustainable management of ecosystems services?

Level of Progress achieved: 3

Forests	Yes
Coastal zones	No
Wetlands	No
Water resources	Yes
River basins	Yes
Fisheries	No

Description of Progress & Achievements:

The municipality contributes, with allocations to voluntary associations and non-profit organizations, to protection and management of ecosystems services (e.g. Environmental Education Centre in Bosco Maglie)

How much do civil society organizations and citizens participate in the restoration, protection and sustainable management of ecosystems services?

Level of Progress achieved: 3

Description of Progress & Achievements:

Direct participation to restoration, protection and management is good.

How much does the private sector participate in the implementation of environmental and ecosystems management plans in your local authority?

Level of Progress achieved: 1

Description of Progress & Achievements:

There is no participation.

Essential 9

Install early warning systems and emergency management capacities in your city and hold regular public preparedness drills.

To what degree do local institutions have access to financial reserves to support effective disaster response and early recovery?

Level of Progress achieved: 2

Description of Progress & Achievements:

Only for the management of the early stage of a possible emergency.

To what extent are early warning centres established, adequately staffed (or on-call personnel) and well resourced (power back ups, equipment redundancy etc) at all times?

Level of Progress achieved: 3

Description of Progress & Achievements:

The local Police station receives warnings from the Regional Civil Protection Department, from the Prefecture and from citizens. The staff is adequately trained. The resources available are sufficient to manage the early stages of the emergencies.

How much do warning systems allow for adequate community participation?

Level of Progress achieved: 3

Description of Progress & Achievements:

There is adequate community participation.

To what extent does the local government have an emergency operations centre (EOC) and/or an emergency communication system?

Level of Progress achieved: 3

Description of Progress & Achievements:

There are a Municipal Operations Centre (COC) and an emergency communication system.

How regularly are training drills and rehearsal carried out with the participation of relevant government, non-governmental, local leaders and volunteers?

Level of Progress achieved: 3

Description of Progress & Achievements:

Periodical drills are organised by involving policy forces and voluntary associations.

How available are key resources for effective response, such as emergency supplies, emergency shelters, identified evacuation

routes and contingency plans at all times?

Level of Progress achieved: 2

Stockpiles of relief supplies	No
Emergency shelters	No
Safe evacuation routes identified	No
Contingency plan or community disaster preparedness plan for all major hazards	No

Description of Progress & Achievements:

There are resources available for emergency plans and identification of evacuation routes.

Essential 10

After any disaster, ensure that the needs of the survivors are placed at the centre of reconstruction with support for them and their community organizations to design and help implement responses, including rebuilding homes and livelihoods.

How much access does the local government have to resources and expertise to assist victims of psycho-social (psychological, emotional) impacts of disasters?

Level of Progress achieved: 3

Description of Progress & Achievements:

There are a psychologist and a social assistant.

How well are disaster risk reduction measures integrated into post-disaster recovery and rehabilitation activities (i.e. build back better, livelihoods rehabilitation)?

Level of Progress achieved: 2

Description of Progress & Achievements:

In case of need, future disaster risk reduction measures would be considered.

To what degree does the Contingency Plan (or similar plan) include an outline strategy for post disaster recovery and reconstruction, including needs assessments and livelihoods rehabilitation?

Level of Progress achieved: 1

Description of Progress & Achievements:

They are not considered, due to lack of resources.