



Pignola, 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:

According to the Italian legislation, the Mayor is the local authority in charge of civil protection and territorial safety. In case of emergency, he is called to provide immediate assistance and relief to the population, with support of a special structure made by municipal staff and key-figures belonging to community (health service representatives, voluntary associations, etc.).
There is a Civil Protection Plan approved in 2006.

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

Level of Progress achieved: 4

Description of Progress & Achievements:

In the programme area there are technical task-forces established through a network of voluntary associations in order to assess and implement social policies. (2010) These task-forces are permanent, but meetings are not regular (network of Voluntary Association Organisation of the Alto Basento). In this Municipality, however, there are some voluntary associations which monthly meet to discuss social matters. In small municipalities like Pignola information is exchanged more easily. For example,

discussions might even start at the open air also by meeting the mayor himself. There is collaboration with the Regional and in particular the Provincial local authorities. 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:

No relevant initiatives

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 Disaster 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 legislation requires the local Disaster Management plans to be sent to the Region, the Prefecture and the Province for wide information. According to the Italian regulations, the Municipality is a key actor of the National Civil Protection System – structured in National, regional and local levels - and has the task to highlight critical situations on the territory, also by assessing and integrating the disaster risk information at the local scale. Thanks to his territorial knowledge, the Mayor has also a stimulating role in higher-level programming and planning.



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: 4

Description of Progress & Achievements:

Despite its limited budget (3,5 million Euros of which 1 million comes national funding), every year the Municipality of Pignola allocates a fund equal to 70/80 thousand Euros (about 2% or 3% of the budget) for all the activities related to Civil Protection; this fund is also meant for activities concerned the snow emergency. Particularly, every year this Municipality allocates about 12.000 Euros for students health care.

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:

In case of recovery of an entrepreneurial activity damaged by natural events, the Municipality takes charge of the costs through the Civil Protection Fund, not supported by funding from higher-level authorities. Actually, there are some prevention actions, which cannot be directly ascribed to the Municipality, allowing both a reduction of the natural risks existing on the territory and its securing.

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:

There are no financial services available.

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:

In case of support for families, the Municipality takes charge of housing families that have been damaged by disasters. For example, after a landslide the Municipality has provided a house for two families through resources from municipal funds and not from the Civil Protection Fund. Every year the administration spends around 12.000 Euros. There is no guarantee fund, yet in case of its presence, there will be direct actions from the administration.

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:

Recently, within the O.P.C.M. (Prime Ministerial Order) 4007 - 29.02.2012, the Municipality has put in place the administrative procedures regarding the public notice contained in the deliberation of the Regional Committee of Basilicata n. 1044 - 07.08.2012, for privates, aimed at the request for incentives for structural actions or seismic improvement, or demolition and reconstruction of private buildings. Moreover in order to obtain risks active mitigation, by means of its Territorial Coordination Plan (TCP), the Province is engaged in providing for a coordinating role in enhancing and facilitating the implementation of programs of extraordinary territorial maintenance by local governments, through the identification of possible financial solutions and procedural facilitation. Specific measures and solution encouraging private investments to be devoted to risk reduction and mitigation at the local level will be also explored and set up.

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 do not provide any tangible 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: 3

Description of Progress & Achievements:

For risk assessment the studies carried out by the Basin Authority are taken into consideration. Besides, the Municipality of Pignola takes advantage from the collaboration of an engineer for the assessment of the vulnerability of a building.

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:

Extraordinarily. It is updated only in case of the Civil Protection Plan updating. Risk assessments carried out by higher-level authorities are updated periodically, with frequency depending on the type of risk assessed and on the specific concerned legislation.

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: 2

Description of Progress & Achievements:

There is no real information plan. In case of severe atmospheric events, the Municipality informs the population. At the moment it is also possible to use social networks to circulate information, facebook in particular. However, the Municipality is actively involved in the information campaigns conducted at local, regional and national level.

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:

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 guarantee 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: 4

Description of Progress & Achievements:

On the municipal territory there are only schools upgraded according to the current law in force.

The Town Hall has been upgraded too; in case of emergencies it also works as a Municipal Operations Centre. Also in this case, the Province is in charge of boosting the Municipalities in integrating risk assessments and analysis into local land-use policies by means of the Territorial Coordination Structural Plan (TCP) and its interaction with local land-use actions.

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

Level of Progress achieved: 4

Description of Progress & Achievements:

Financial resources have been mainly employed for building structural upgrading. Future investments are aimed at making structures efficient as far as energy is concerned.

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: 4

Schools	Yes
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Hospitals/ health facilities Yes

Description of Progress & Achievements:

The municipality has used its resources to secure all the public structures. Indeed, the in case of emergencies, even in case of heavy snowfalls, all the structures are able to remain operational.

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: 4

Schools	Yes
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Hospitals/ health facilities Yes

Description of Progress & Achievements:

All of them are safe and can remain operational.

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: 3

Schools	No
Hospitals/ health facilities	No

Description of Progress & Achievements:

Public infrastructures at local level are assessed in order to ensure compliance with national and regional codes and regulations, mostly when financial resources for maintenance interventions are available

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:

Schools redact their own risk plan where regular drills are planned. So they, 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: 1

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

Description of Progress & Achievements:

There are no programs. (in fact there is no real information plan). However, the Municipality is actively involved in the information campaigns conducted at local, regional and national level.

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 for the training of its officials due by specific law.

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:

The Municipality do not have its own Educational Offer. Yet, every year it contributes to the Educational Offer Plan (POF) by allocating 12.000 Euros for the schools to be managed according to their needs.

The Regional School Authority, starting from the national Civil Protection drill carried out in December 2012, promoted, in partnership with the National Civil Protection Department, the project "Multimedia school of Civil Protection" involving from 10 to 13-year-old young people. The project is aimed at fostering greater population awareness of risk prevention and safety and self-protection measures, which should be undertaken by everybody, both in time of peace and emergency. The creation of educational paths at school on the civil protection culture themes represents one of the most effective forms of cultural and social investment to convey the message of solidarity, participation, sharing, respect and safety. Furthermore, every family member, through the education of the kid, becomes an active subject of civil protection.

Specifically, the goals of the projects are:

Knowledge of the different types of risk;

Favouring behaviours respectful of the territory;

Knowledge of preventive behavioural self-protection rules and to be undertaken in case of emergency, in order to reduce the possible consequences of risks.

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

Level of Progress achieved: 2

Description of Progress & Achievements:

Students and Civil Protection volunteers are well aware of them, while the remaining part of the community needs to be better informed.. The population interest increases

with the occurrence of the events. However, there is a minimum of signage on the operational structures (Fire Brigade).



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: 2

Description of Progress & Achievements:

For the situations when higher-level authorities provide for specific regulations. There is no plan redacted by the Municipality. However, the Forest Regional office workers deal with the maintenance of green areas

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	Yes
Water resources	Yes
River basins	Yes
Fisheries	No

Description of Progress & Achievements:

The local government is not in charge of ecosystem services. However, the restoration, protection and sustainable management of the ecosystem services are insured because of their inclusion in a National Park.

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:

In the Municipality of Pignola there is a Social Street group that is a group of citizens who take care of the maintenance of public areas by an agreement with the administration.

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

Level of Progress achieved: 3

Description of Progress & Achievements:

The private sector participates in these plans following two different modes: some private enterprises use some districts for advertisement in exchange of the maintenance of the public green spaces of the same districts; some municipal areas are entrusted to some private citizens who take charge of their maintenance.



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: 3

Description of Progress & Achievements:

By the way, the Italian Civil Protection System requires that, at a local scale, Municipalities act first, being closer to citizens and communities. In case of severe disasters, higher-level authorities (Province, Prefecture, Region and State) have to contribute with a sort of subsidiary action, providing the necessary support, even financial, to the affected cities, populations and communities. The local institutions have access to extraordinary financial reserves to support effective disaster response and early recovery in case of “Declaration of State of Emergency”, provided by the National Government when particularly severe disasters occur. They make reference to the Municipal Civil Protection Plan fund.

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 Municipal Civil Protection Plan regulates the correct functioning of rapid warning centres and list all the existing instrumental resources.

How much do warning systems allow for adequate community participation?

Level of Progress achieved: 3

Description of Progress & Achievements:

Yes, through social networks.

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

Level of Progress achieved: 4

Description of Progress & Achievements:

There are a Municipal Operations Centre 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:

They are not regular.

This municipality participated, on December 2012, with all the others belonging to the province of Potenza, in the drill "Basilicata 2012", coordinated by the Province. An

earthquake of magnitude 6.5 in the Agri River Valley has been simulated, affecting the whole Basilicata and the neighbouring regions of Campania and Calabria. The drill was part of national planning on seismic disaster management, aimed at testing the response of the National Civil Protection System at national, regional and local levels.

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:

They can be found in the Municipal Civil Protection Plan. Though, in case of significant events the National protection Services intervenes.

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:

By law, the municipality is provided with social services that, in case of disaster, give assistance to victims.

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: 3

Description of Progress & Achievements:

After disasters, risks prevention interventions are planned. The most frequent interventions aim to make structural prevention especially from the landslide risk (very recurrent disasters) meanwhile less attention is posed to the procurement of means of subsistence.

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:

The Emergency Plan does not include an outline strategy for post disaster recovery. It includes only a strategy for Disaster management