

**INDIVIDUI E COMUNITA' RESILIENTI FANNO UN MONDO SICURO E SOSTENIBILE
RESILIENT INDIVIDUALS AND COMMUNITIES MAKE A SAFE AND SUSTAINABLE WORLD**

POTENZA 26 - 27 GENNAIO 2015

**Verso una Resilienza Integrale delle Comunità ai Rischi di Disastri e ai Cambiamenti Climatici:
Progressi e Prospettive Future dall'Esperienza nella Provincia di Potenza**

**Towards Comprehensive Community Resilience to Disaster Risks and Climate Change:
Progress and Future Perspectives capitalizing the Province of Potenza Experience**

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CAMPAGNA UNISDR "MAKING CITIES RESILIENT"

IL NETWORK "PROVINCIA DI POTENZA – COMUNI"

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CONCEPT OF THE EVENT

The Basilicata region reflects the great fragility of the Italian peninsula and in particular is characterized by a high seismic and hydrogeological risk. Large landslides have always highlighted the vulnerability of the province of Potenza, causing damage to several commercial areas and producing, sometimes, catastrophic events resulting in loss of lives. This is even more evident as for earthquakes: the 1857 earthquake in the 'Val d'Agri' area and the 1980 November 23rd one (Irpinia and the province of Potenza) left their marks, causing thousands of deaths, the destruction of entire villages, the damage of many towns and heavy ruins.

Landslides, earthquakes and other disasters not only have sown death and destruction, but also contributed to form a deep sensitivity about the "risks". The Province of Potenza has played a coordinating role in a large area composed of 100 small and very small municipalities, through a complex action tending to the construction of a useful strategy to achieve a proper land management and to combat risks due to climate and human factors. This action, declined on "prevention" and "risk culture" factors, has resulted in the drafting of many territorial planning instruments based on the capitalization of the experience gained in several years of work and in different institutional intervention fields.

In fact, the role played by the Province of Potenza in the safeguard of the safety of persons and goods and in the environment preservation is the main target concerning the territorial management and the emergency planning. Among them, the **provincial civil protection** activities can be found i.e. "the coordinated set of activities designed to cope with the extraordinary events that can not be addressed by ordinary forces". On this side, the Province has been attributed not only tasks concerning data detection, collection and processing, but also functions relating to the preparation of the provincial emergency management plans. The Civil Protection Plan of the Province of Potenza has thus enabled a constant contact with the territory and communities, so promoting, stimulate and boosting connections and activities. Through these activities, specific data about local communities were acquired. Such information resulted to be very useful for the preparation of provincial development plans and for the sensitization and awareness raising activities on disaster risks of the local communities and citizens.

Among the information and awareness activities about the territorial risks, relevant is a joint venture started since 2003 between the Province of Potenza, the Province of Salerno, the "History Geophysics Environment" in Bologna (SGA) and the Geophysics and Volcanology National Institute (INGV). The collaboration stands for the creation of some provincial environmental education laboratories called "Robert Mallet" in commemoration of the Irish engineer who undertook a study mission in Basilicata investigating the impacts caused by the 1857 earthquake. He released an extraordinary study-diary in which technical and scientific observations are mingled with descriptive and literary details in a single 'observatory' on the landscape and on social, economic and cultural aspects of the affected areas. The "**Mallet Laboratories**" represent an opportunity to create study-centres networks in the areas of the two provinces (Potenza and Salerno), so promoting a wide-ranging national and international research involving also schools and local communities.

Among the most recent and significant governance experiences promoted by the Province of Potenza, those related to schools building patrimony management, developed through significant investment for the redevelopment and upgrading of the existing buildings and the construction of new facilities. The specific goals pursued by the "**Safe-Ecological Schools**" program are: the improvement of the structural safety, functionality, environmental sustainability of school buildings, the improvement of the educational facilities and the removal of architectural barriers. The program generated an investment of over 70 million euro. On the other hand, concerning the **provincial roads system**, an important collaboration with the University of Basilicata, Faculty of Engineering, Dept. of Environmental Engineering, and the National Research Council CNR-IMAA has been established for vulnerability assessment of the provincial road network (about 2.600 km of roads) to the geological and hydrogeological risk. As a result of that investigation 66 risks reduction interventions have been scheduled accounting for approximately 28 M€.

The soil protection represents another focus on which the Province of Potenza has carried out important actions including the management, organization and implementation of regional maintenance and requalification projects on the regional river network and forest heritage, with the target of structural and functional rehabilitation of the ecological network and flood risk mitigation. Specifically, maintenance activities of the drainage network of the province were carried out, as well as actions to reduce landslide risk and redevelopment of environmental and landscape systems to protect, preserve and enhance both for natural and landscape aspects, producing contribution also for touristic and sustainable development. The overall goal of giving back to the Basilicata rivers their role of natural and environmental resources is pursued through strategic objectives: the floods risk mitigation; the structural and functional ecological network and the environmental systems redevelopment; the functional recovery of hydraulic manufactures and the restoration of the functionality of bridges and culverts; the quality-quantitative water protection and the information sharing concerning the "water culture".

EU interregional projects and the "Cities Resilient" model based on a community of 100 municipalities: a unique case in the world.

The Province of Potenza actively participated in several important interregional projects. Relevant are the SEDEMED (Sécheresse Desertification et dans le bassin Méditerranée - assessment and mitigation of drought and desertification); the MIPAIS (Methodologies Instruments et pour la gestion durable

Pianificazione et la condition de l'Irrigation en de Secheresse - assessment and mitigation of drought and desertification); the ES-2008 Erme (Earthquake Simulation 2008 - Efficacious Reaction of Messina Strait - Earthquake Disaster preparedness); the ESPA (Emergency Stress Psychological Assistance in Civil Protection Activities - Emergency Stress Training); the REMIDA (smaRt Energy chains and communities in the Med Area); the RENERGY (Regional Strategies for Energy Conscious Communities). In the overall context of the Resilience of Communities, the Province of Potenza has enthusiastically joined the UNISDR "Making Cities resilient" Campaign launched in 2010. The role of the Province of Potenza, with particular regard to territorial risk characterization and actions for adapting to climate change, played such a participation in order to support local governments and municipalities to become more "resilient" in facing disasters. As part of the Campaign, the Province has become the leader of a unique action in the world: to constitute a wide territorial network including all the 100 Municipalities of its territory through a statement of commitment aiming at developing a common territorial development strategy covering the improvement of resilience to natural disasters. Such official commitment has been formally acknowledged by the UNISDR during several recent cooperation activities. In particular by the Dr. Ana Maria Castillo, from the UNISDR headquarters in Geneva, who took part to the first Open Day about the contrast to climate changes organized within the REMIDA project in September 2014.

The networks.

During the last months the Province of Potenza set-up a multi-stakeholder and communities path, where institutions and groups representing the different social categories have been involved (women, elderly, youth, disabled people, migrants and so on); each "potentially vulnerable" social category – which constitutes the strong interest groups (Majors Groups) in numbers and skills - can turn into a real strength as concern risks and disasters. Starting from the contributions of these social categories, the whole community and Institutions can and should benefit for the development of safety and sustainable territorial policies. The set-up "open-ended" and "open-participative" discussion tables represent the 'listening' and 'consultation' places where to collect instances and start to spread and consolidate new urban planning models having a *bottom-up approach*.

The institutional role of the Province at the international level.

The Province of Potenza – as representative of its Municipalities and Local Authorities Network joining the UNISDR "Making Cities Resilient" Campaign - contributed to the elaboration of the post-2015 Hyogo Framework for Action and of the Local Authorities statement for the natural disaster risk-reduction policies to be presented to the III World Conference on Disaster Risk Reduction in Sendai (Japan). As coordinator of the local network for resilience, the Province of Potenza participated in the preparatory meetings of the 3rd World Conference on Disaster Risk Reduction providing many inputs and advices to the "Local Authorities" Major Group. In a bilateral meeting at the conclusion of the second preparatory meeting of the World Conference of Sendai, held in Geneva last November, the President of the Province Nicola Valluzzi and the Executive Director of the Territorial Planning and Civil protection Office Alessandro Attolico, at the presence of Paola Albrito (Head of the UNISDR Office for Europe in Brussels), Ambra Sorrenti (National Civil Protection Department) and Letizia Fischioni (Ministry of Foreign Affairs), met the UNISDR Special Representative of the General-Secretary of the United Nations Strategy for Disaster Risk Reduction, Margareta Wahlström, who expressed her high appreciation for the work of coordination and promotion of the 100 Municipalities Network played by the Province of Potenza.

Policy integration of disaster risk reduction and climate change mitigation in sustainable development policies: the Provincial Structural Master Plan.

Capitalizing the experience gained in these years by the Province, the Territorial Coordination Master Plan (TCP, 2013) represents a *milestone* projecting future territorial government policies and actions. It is a territorial plan orienting objectives and future scenarios based on a coordinating approach of the various vocations and local strategies. The TCP represents also a fundamental planning tool for the allocation of strategic resources (in particular coming from the EU Funds programming) and constitutes a support for the urban planning especially in the actual period of strong reorganization of the territorial governance. During the TCP preparation process, the stakeholders involvement was guaranteed at every stages. This approach

has ensured that all stakeholders, especially those having competences on local and regional policies (local, regional, national - including authorities, agencies and other public and public-private bodies), scientific institutions, academic, research, professions, commerce, industry, handicrafts, etc., have been informed, consulted and provided for their active contribution. Also local communities were involved in the process through a consultative approach. In this way, the key interest groups and other stakeholders have been well integrated into the action plan obtaining an easier implementation having shared objectives and actions in advance.

The current commitment of the Province of Potenza is to proceed with the TCP implementation at local level, maximizing the usefulness to propose new forms and contents within the local transformation and intervention objectives and actions: among these, resilience, land consumption, risk monitoring and technological innovations for the management of the territory with the active and continuous involvement of municipalities, institutions and communities. The Province is committed with the facilitation the active participation of the local community in territorial policies decision-making (sustainable development, disaster risk reduction and climate change combating) and to accompany and support municipalities in an inclusive process. Hence, to create thematic open discussion tables focused on the inclusive Community Resilience implementation of different social categories. This institutional consultation process has the dual aim: raising awareness and strengthen individuals and communities' capacity in reducing disaster risk thanks to knowledge dissemination and awareness increasing about the importance of risks prevention and mitigation; to involve them in territorial policies decision making and planning also. The involvement of other "institutional stakeholders" (regional/national institutions, national and regional policy-makers, the National Civil Protection Department, scientific institutions, academia, research, professions, business/industry/trade/crafts, etc.) completes this participation process .

The aim of the meeting of January 26th and 27th, 2015.

The meeting is a synthesis moment of the work done so far, in order to create the conditions for spreading the awareness culture about "risk" and to increase the territorial safety level with concrete actions and investments. In fact, the network constituted by Mayors, Institutions and Communities, under a "multi-stakeholder" approach, is the starting point for the implementation of future activities to be carried out through a permanent dialogue. Moreover, a resilient territory does not simply adapt itself to the problems deriving from natural and human-induced risks but it should generate structural changes based on environmental, economic and social reactions. In this context, the safety, the territorial maintenance, the re-use of territorial portions and the soil consumption control are some actions' priorities for identifying strategies. Such strategies integrate long-term instances about territorial safety and protection and mitigation and adaptation measures in short and medium term. Those strategies have to be supported by local development programs in order to improve the effective use of technologies and financial resources.

The meeting is a valuable opportunity to develop contributions to:

- establish a shared and participated implementation strategy based on an innovative network model, which includes stakeholders, Institutions, local communities and citizens, for the promotion of concrete actions to strengthen the 10 key-requirements identified by the ONU in the "Making Cities Resilient" campaign at local level;
- strengthen the institutional dialogue and actions on DRR¹/DRM², CCA³ and Sustainable Development;
- share knowledge and foster new partnership/network.

¹ DRR: Disaster Risk Reduction

² DRM: Disaster Risk Management

³ CCA: Climate Change Adaptation

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GENERAL AGENDA

The scheduled timetable must be strictly respected

MONDAY 26/01

8:30 – 13:00: VENUE: AUDITORIUM OF THE "CONSERVATORIO DI MUSICA GESUALDO DA VENOSA", POTENZA.

- Opening and greetings by the relevant Local/Regional/National Authorities.
- Brief overview of the Campaign activities by now (Province of Potenza – Municipalities Network) - The Province of Potenza Strategy: From DRM/DRR to Resilience.
- **Margareta Wahlström** key note.
- Brief statements by Major Groups, Selected Cities, Institutions and Local Authorities.
- Open discussion.
- Signing Ceremony of the UNISDR "Making Cities Resilient Campaign" by the 100 Municipalities and Mayors.

15:00 – 17:30: VENUE: PROVINCIAL MUSEUM, VIA LAZIO, POTENZA.

PARALLEL SESSIONS (WORKSHOPS):

- Integrating DRR, CCA and Sustainable Development in land use governance models: from territorial planning to urban renewal.
- The Regional Civil Protection System and Volunteers Organizations in DRM
- Interregional experiences and best practices in DRR, CCA and Resilience: II Open Day REMIDA project - smaRt Energy chains and coMMunlties in the meD Area

17:45 – 19:00: VENUE: PROVINCIAL MUSEUM, VIA LAZIO, POTENZA.

PLENARY SESSION:

- Short presentations by the relevant Institutions and foreign delegations.
- Conclusive remarks: Synthesis of workshops outputs, new perspectives, cooperation opportunities and projects in Resilience implementation.

TUESDAY 27/01

9:00 – 13:00: VENUE: 'SALA DEL CONSIGLIO PROVINCIALE', PIAZZA MARIO PAGANO, POTENZA

- 5th REMIDA Project Steering Committee (restricted to REMIDA Project partners).

WORKSHOPS CONCEPT

The general framework of workshop's themes is aimed to point out institutional, stakeholders and local communities' inputs in order to gain a wider commitment in DRM, DRR, and CCA under the "umbrella approach" of Resilience considered as a concrete opportunity for the improvement of territorial and socio-economic planning practices toward the current issues of "Sustainable Development" and "Climate Change".

The workshops are organized as "Open discussion" aimed at collecting contributions and proposals in an organic document whose relevant points will be discussed in the following plenary section and shared among participants in order to promote future actions.

1. Integrating DRR, CCA and Sustainable Development in land use governance models: from territorial planning to urban renewal.

Disaster Risks Reduction and Climate Change Adaptation have been considered under several different perspectives: from the technological dimension to the organizational and procedural one. The workshop aims at assessing the implication of regional and urban planning tools in DRR and CCA being based on the fact that risks are consequences of territorial transformation and risks mitigation depends on planning decisions and instruments intended as public interest tools, involving and driving the local communities toward a more conscious behaviours in territorial sustainability. Such complex assumption will be discussed in a multidisciplinary framework including the following main themes:

- territorial planning practices and experiences;
- risk assessment and local authorities roles and commitments;
- normative framework (laws and regulations, building codes, etc.);
- multilevel governance;
- infrastructures development and territorial transformations;
- socio-economic development contribution and perspectives and investments for risks mitigation and climate change;
- energy and sustainability;
- citizens' commitment and sustainable behaviours promotion.

2. The Regional Civil Protection System and Volunteers Organizations in DRM

The Italian Civil Protection represents an effective model worldwide. It includes a complex chain of involved bodies. Among them the volunteers organizations represent the operative level, and contribute to the dissemination of territorial communities involvement towards Disaster Risks Management.

The workshop intends to exploit the wide experience in DRM developed at institutional and ONG level in order to highlight the success factors but also the weakest points in the Civil Protection Mechanism at the state of the art.

Such discussion will be addressed to enhance the following issues:

- how to shift the intensity of Civil Protection Model from the Emergency Management to the risks prevention?
- how to invest in risks mitigation through innovative models and Public Private People Partnership in order to improve territorial and socio-economic resilience?

3. Interregional experiences and best practices in DRR, Climate Change Risks Mitigation and Resilience: II Open Day REMIDA project - smaRt Energy chains and coMMunities in the meD Area

To compare and discuss transnational experiences and Best Practices concerning sustainability is a precondition for the improvement of institutional efforts in Climate Change policies and risks mitigation. EU transnational cooperation instruments improved the institutional commitment toward information, data, procedures dissemination for success story developed at local level in order to generate a common knowledge and tools background for facing global challenges.

REMIDA project is working in such direction, so promoting methodologies and exchanges tools in the EU Covenant of Majors framework and its local implications.

The workshop aims at enlarging the benchmark in a global vision of sustainable practices in several interventions domains in order to contribute to Resilience's 'mosaic' in territorial policies and management.

Organizing committee and contacts:

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