TRAINING COURSE FOR ALBANIAN CIVIL PROTECTION EXPERTS

Module 4
Emergency management and support to local authorities

The assistance to the population in emergency and the DESIGNA software (Distributed Environment to Support Individual and General Needs of Accommodation)

Tirana, April 18, 2024
### Module 4: Emergency management and support to local authorities

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<th>Activity</th>
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<td>14.15 - 14.45</td>
<td>Assistance to the Population</td>
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<td>14.45 - 15.15</td>
<td>The DESIGNA system</td>
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<td>15.15 - 15.30</td>
<td>Practical activities on the system</td>
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<td>15.30 – 16.00</td>
<td>Discussion, final test, and conclusion of Module 4</td>
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The assistance to the population in emergency

Objective: manage the population affected by disasters, with particular reference to the food and housing situation.
The assistance to the population in emergency

Following a disaster, the first need is the rescue of missing and injured people, but already in the hours immediately following the question arises of having to accommodate and provide food to people who have had to abandon their homes and all their personal belongings.
The assistance to the population in emergency

In the case of a disaster, the Italian State guarantees housing assistance to all persons permanently living in a house declared condemned following an emergency, independently of their nationality.
Temporary shelters

In the first days/weeks the displaced people are housed in:

- TENTED CAMPS - CONTAINER CAMPS - GYMS - SCHOOLS
- HOTEL - Room and board in hotels
Types of medium-long term assistance to the population in Italy

● **E.H.S.=Emergency Housing Solutions** (In Italian **S.A.E.=Soluzioni Abitative di Emergenza**) - Temporary one- or two-family buildings

● **H.D.H.S.=High Density Housing Solutions** (In Italian **S.A.D.A.=Soluzioni ad Alta Densità Abitativa**) - Temporary/permanent buildings from 3 to 6 floors (condominiums), seismically isolated, suitable for hosting dozens of families
An alternative type of assistance

C.I.A. = Contribution for Independent Accommodation (in Italian C.A.S = Contributo di Autonoma Sistemazione) – Monthly amount paid to families based on the number of members of each family.
Types and Chronology of the assistance of the population (1)

- Technical relief/Health response
- Tents, Hotels, Containers
- Usable houses
- E.H.S.**, H.D.H.S.***
- Reconstruction

* C.I.A.=Contribution for Independent Accommodation (in Italian C.A.S.=Contributo di Autonoma Sistemazione)
**E.H.S.=Emergency Housing Solutions (in Italian S.A.E.=Soluzioni Abitative di Emergenza)
***H.D.H.S.=High Density Housing Solutions (in Italian S.A.D.A.=Soluzioni ad Alta Densità Abitativa)
### Types and Chronology of the assistance of the population (2)

<table>
<thead>
<tr>
<th>Event</th>
<th>When</th>
<th>Short term</th>
<th>Medium term</th>
<th>Long term</th>
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<tr>
<td>Volcanic Eruption</td>
<td>Before/After</td>
<td>Evacuation</td>
<td>Hotels, C.I.A.*, Usable Houses</td>
<td>Relocation</td>
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<tr>
<td>Flood</td>
<td>Before/After</td>
<td>Indoor emergency sheltering</td>
<td>Hotels, C.I.A.*, Usable Houses</td>
<td>Reconstruction</td>
</tr>
</tbody>
</table>

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How to manage the assistance of the population

Managing assistance to the population means:

- Know the different types of accommodation, their locations and the times for their use;
- Know the needs of displaced families and people;
- Assign families the best types of accommodation, varying them over time if necessary;
- Manage amounts owed to reception facilities or families;
- Make information available for necessary checks.
How to manage the assistance of the population

To be able to carry out all these tasks, the DPC* - in collaboration with EUCENTRE (European Centre for Training and Research in Earthquake Engineering) - created the software named DESIGNA

* DPC=Dipartimento della Protezione Civile - The department of the Italian Prime Minister dedicated to civil protection
How to manage the assistance of the population

DESIGNA is a web platform available to all members of the National Civil Protection System (Municipalities, Regions, Volunteers Organizations) and to the accommodation facilities which host displaced people.
System activation - When

Following the occurrence of a disaster, the DPC makes DESIGNA available, the use of which can directly involve the Department itself, or be delegated, totally or partially, to the competent local authorities. In any case, technical-operational support is guaranteed by a dedicated structure of the Department. DESIGNA can be usefully used for a long time (even several years) after the event that led to its adoption, until the conclusion of the assistance activities for the population.
System activation - How

Immediate acquisition from the Ministry of the Interior or from the Municipalities of the basic personal data relating to the population of the affected areas, to facilitate the identification of the people to be assisted (using the tax code as a unique key). Intervention, immediately after the event, of expert personnel in the area to activate the system and, where necessary, train and assist local officials.

Creation of the coordination structure suitable for the emergency and enabling access of the components of the National Service (Regions, Municipalities, accommodation operators) with specific authorizations for their skills.
Status of Use of DESIGNA

DESIGNA is currently used to manage population assistance in the following emergencies:

- **Central Italy** earthquakes (August and October 2016/January 2017)
- **Ischia** earthquake (August 2017)
- **Etna countries** earthquake (26 December 2018)
- **COVID** emergency (2020-2021)
- **Ukrainian refugee** emergency (2022-)
- **Flood and landslide Ischia** (2022)
- **Umbertide** earthquake (2023)
The DESIGNA system

The system offers the possibility of managing and monitoring the type of assistance chosen by each citizen involved or by his family, and allows the evolution during the emergency to be followed in real time. This way all duplications are avoided, errors are reduced and transparency is guaranteed at every level.
The DESIGNA system

Each displaced person is identified in DESIGNA by their tax code, a unique code made up of a few letters of surname and name, date and place of birth.
The DESIGNA home page

Graphs showing, by type of assistance:
- The cost progress of the people assisted;
- The number of accommodation facilities involved;
- The expected costs for the next six months.
DESIGNA facilitates reporting procedures between the various levels of emergency management (expense report relating to the different forms of assistance between Municipalities and Regions and between Regions and DPC).

It allows the operator to produce monthly reports for accommodation facilities with a list of guests, treatments enjoyed and amounts due.

Provides assistance in controls by management officials (validation) and judicial and accounting authorities.
Let's now see some examples using DESIGNA directly
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Raffaella Emett
raffaella.emett@protezionecivile.it

Renato Fuchs
renato.fuchs@eucentre.it