

UN-ISDR 2010-2015 AMADORA LOCAL CAMPAIGN

3rd Meeting of the European Forum for Disaster Risk Reduction (EFDRR)
[DUBROVNIK-CROATIA | 01-03 OCTOBER 2012]



INTERNATIONAL STRATEGY FOR DISASTER REDUCTION
Making Cities Resilient – My City is Getting Ready 2010-2015
<http://www.unisdr.org/english/campaigns/campaign2010-2015/cities/>



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www.cm-amadora.pt
www.facebook.com/amadora.resiliente
<http://www.youtube.com/user/UNISDRAmadora/videos>

STAKEHOLDERS:

ANPC
AUTORIDADE NACIONAL DE PROTEÇÃO CIVIL

Comando Distrital de Operações de Socorro de Lisboa

CRUZ VERMELHA PORTUGUESA
Delegação Local da Amadora
Região Amadora-Sintra

POLICIA MUNICIPAL
AMADORA

POLICIA
COMUNIDADE POLICIA

ALFORNELOS
Bem the quer

TVAMADORA

Associação Cultural Moinho da Juventude

DOLCE VITA
SHOPPING TEJO

Centro Cultural Roque Gameiro
Fundado em 1973

AURPI
BRANDOIA

SFR44

cooper activa

FCSH

Grupo de Ambiente
de Realização de Cursos de Trabalho e Formação

santa casa da misericórdia
AMADORA

TERCUD
Centro de Estudos do Território, Cultura e Desenvolvimento

eGEO
Centro de Estudos de Geografia e Planeamento Regional
Faculdade de Ciências Sociais e Humanas - Universidade Nova de Lisboa

DIG.
Divisão de Informação Geográfica

Grupo Protecção Civil Portugal



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1. HYOGO FRAMEWORK FOR ACTION 2005-2015





**HYOGO FRAMEWORK FOR ACTION
2005-2015**

STRATEGIC GOALS

1. The integration of disaster risk reduction into sustainable development policies and planning

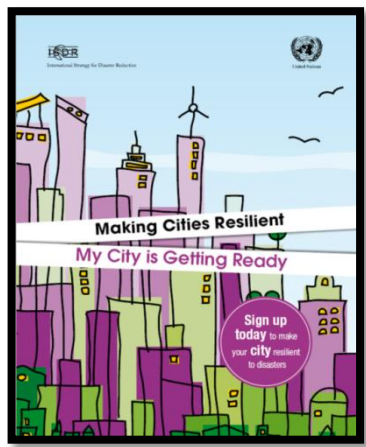
2. Development and strengthening of institutions, mechanisms and capacities to build resilience to hazards

3. The systematic incorporation of risk reduction approaches into the implementation of emergency preparedness, response and recovery programmes



To face the Hyogo Framework for Action Strategic Goals, Amadora joined in 2010 the World Disaster Reduction Campaign - Making Cities Resilient

Need of local communities to face disasters and develop a set of good practices that enable communities to resist, adapt and recover (resilience)



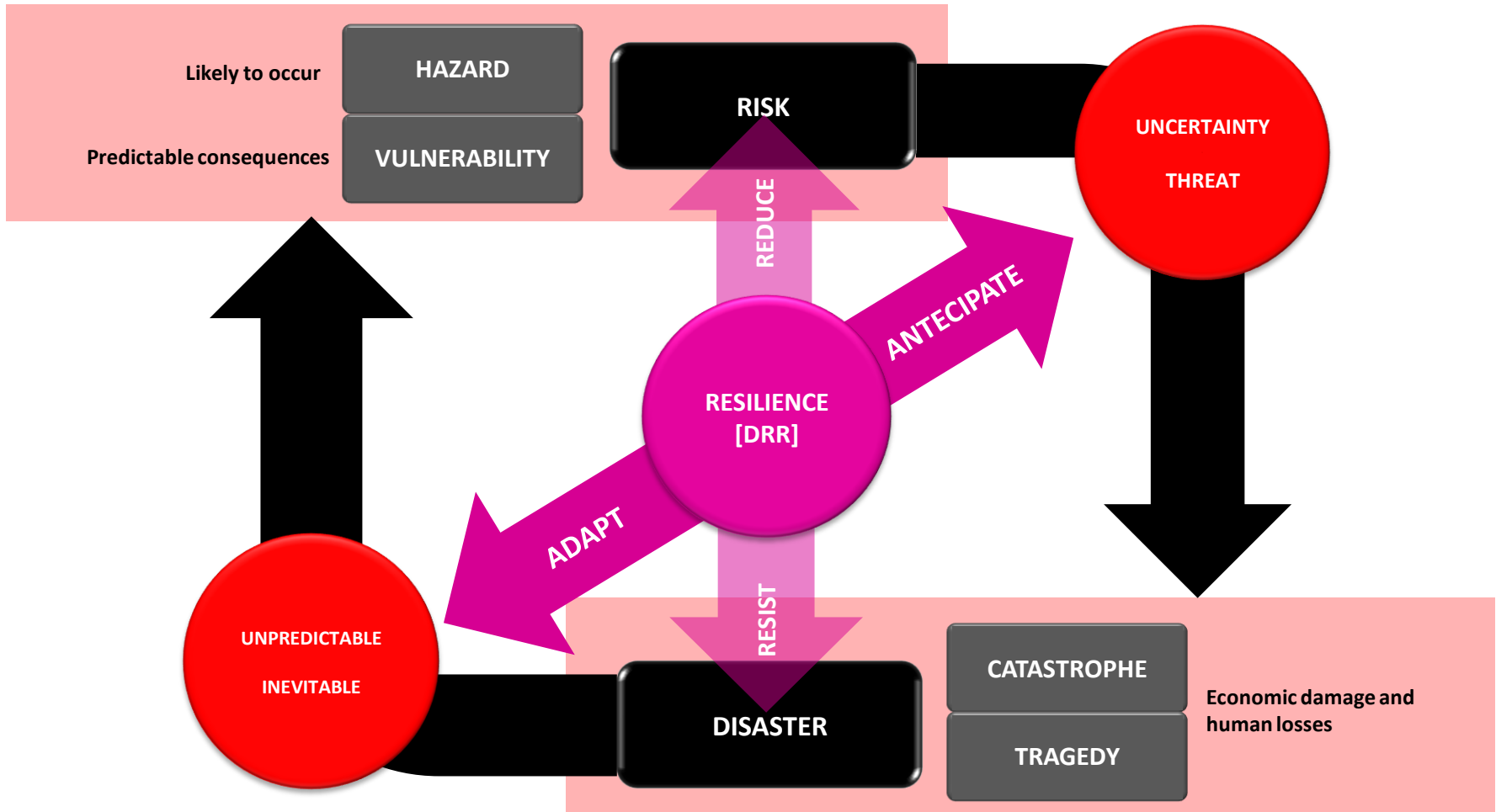
1. HYOGO FRAMEWORK FOR ACTION 2005-2015

1.1. STRATEGIC GOALS



1. HYOGO FRAMEWORK FOR ACTION 2005-2015

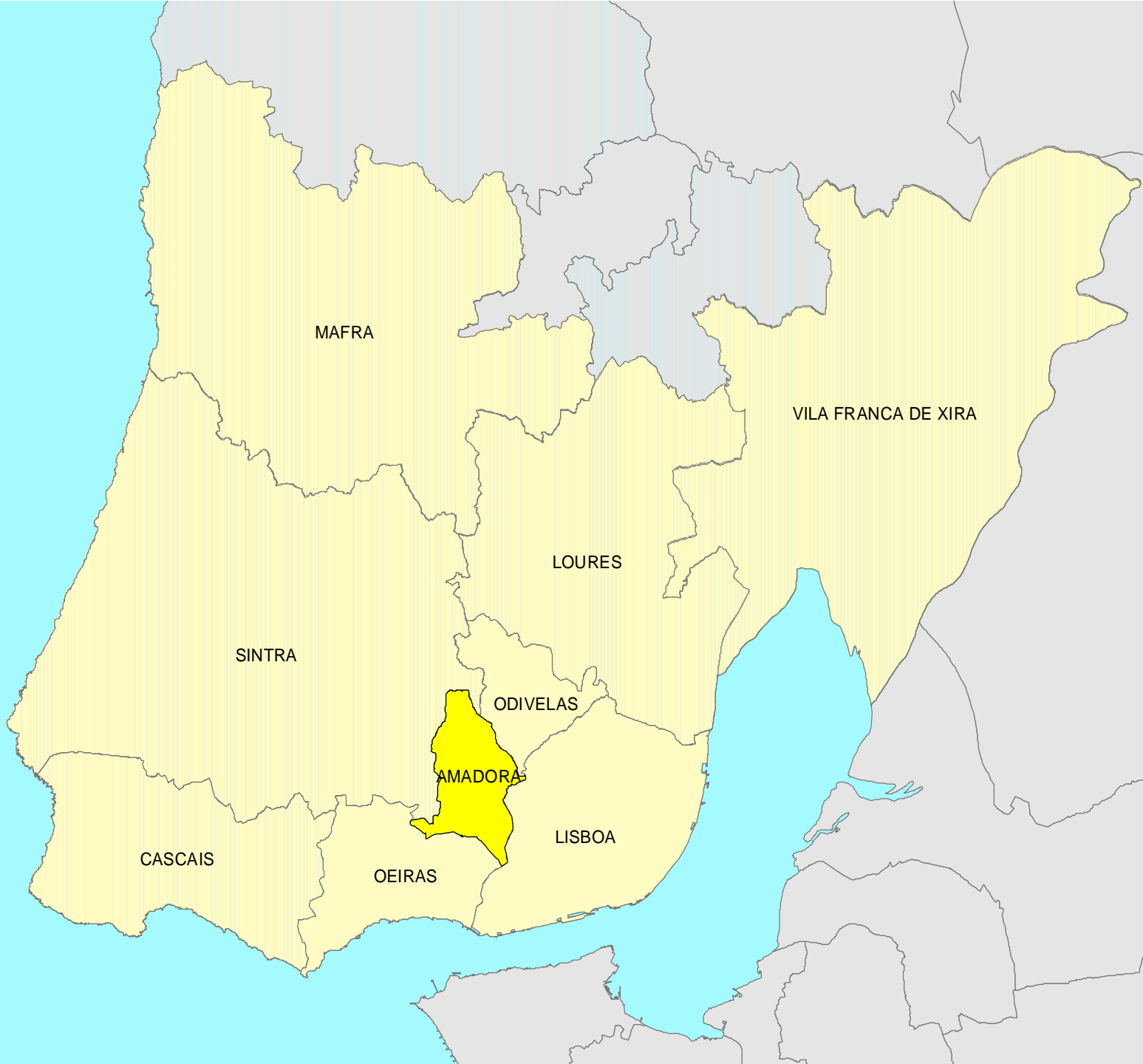
1.1. STRATEGIC GOALS





**2. AMADORA LOCAL CAMPAIGN
2010-2015**





POPULATION
175 533
AREA
24 sq km

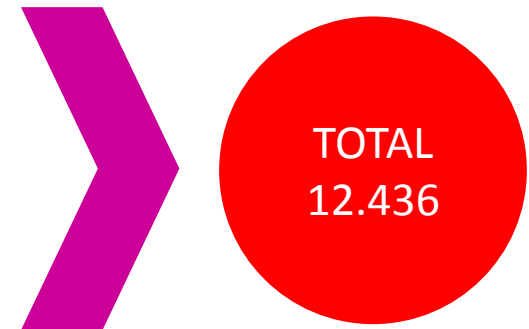
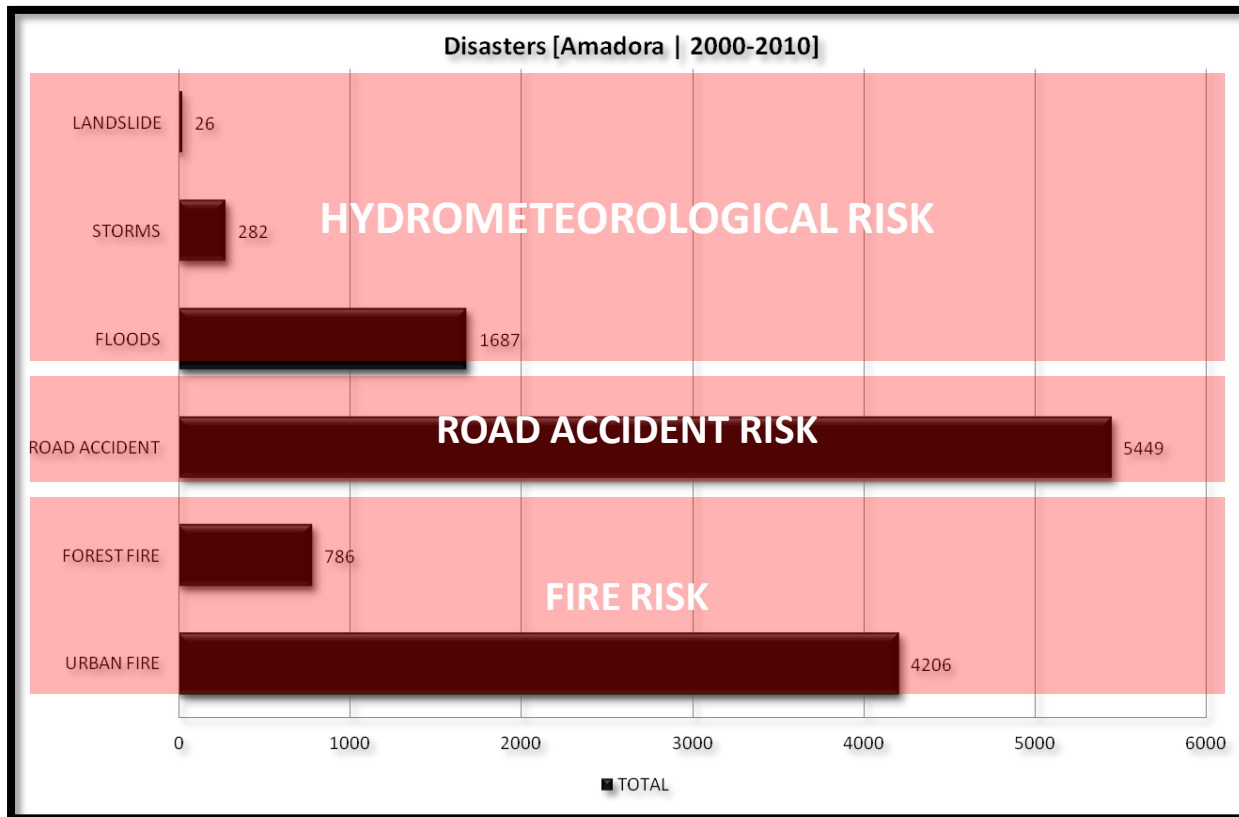
- Concelho da Amadora
- Área Metropolitana Norte de Lisboa
- Concelhos adjacentes

0 5000 metros



2. AMADORA LOCAL CAMPAIGN 2010-2015

2.1. DISASTERS



Frequent small and medium-impact disasters and single intense events disrupt community lifelines (food distribution, water supply, health care, transportation, waste disposal, and communications)



HAILSTORM
APRIL 29th [2011]



LANDSLIDE
JANUARY 20th [2010]



FOREST FIRE
JULY 29th [2009]



FLOOD
MAY 15th [2011]

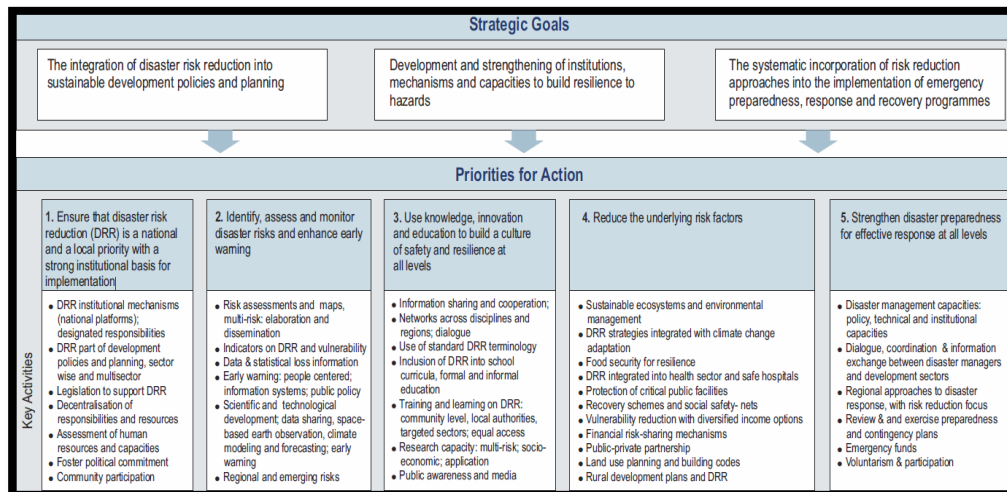


2. AMADORA LOCAL CAMPAIGN 2010-2015

2.2. PRIORITIES FOR ACTION

Why did AMADORA joined the campaign (World Disaster Reduction Campaign)?

1. TO PLACE THE ISSUE OF RISK, DISASTER AND RESILIENCE ON THE MUNICIPALITY AGENDA;
2. GROWING URBAN POPULATION AND INCREASED DENSITY, WHICH PUT PRESSURE ON LAND AND SERVICES;
3. WEAK LOCAL GOVERNANCE AND INSUFFICIENT PARTICIPATION BY STAKEHOLDERS IN PLANNING AND URBAN MANAGEMENT;
4. THE DECLINE OF ECOSYSTEMS, DUE TO HUMAN ACTIVITIES;
5. ADVERSE EFFECTS OF CLIMATE CHANGE THAT WILL LIKELY INCREASE OR DECREASE EXTREME TEMPERATURES AND PRECIPITATION;
6. TO BUILD A INSTITUTIONAL CAPACITY. TO IDENTIFY, ASSESS, MONITOR AND REDUCE RISKS. TO BUILD A CULTURE OF SAFETY AND RESILIENCE.



AMADORA LOCAL CAMPAIGN KEY PRIORITIES

1. RISK, HAZARD AND VULNERABILITY ASSESSMENT;
2. INFORMATION, TRAINING AND AWARENESS, IN ORDER TO REDUCE THE NUMBER OF DISASTERS AND RISKS.

DISASTER RISK REDUCTION [RESILIENCE]

COORDINATION = organisation
MOBILIZATION = convince, connect
PARTICIPATION = learn, inform



1. ENSURE THAT DISASTER RISK REDUCTION (DRR) IS A NATIONAL AND A LOCAL PRIORITY WITH A STRONG INSTITUTIONAL BASIS FOR IMPLEMENTATION

2. AMADORA LOCAL CAMPAIGN 2010-2015
 2.2. PRIORITIES FOR ACTION

LEADER

MAYOR
 Councilman

➔ POLITICAL SUPPORT!





1. ENSURE THAT DISASTER RISK REDUCTION (DRR) IS A NATIONAL AND A LOCAL PRIORITY WITH A STRONG INSTITUTIONAL BASIS FOR IMPLEMENTATION

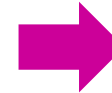
2. AMADORA LOCAL CAMPAIGN 2010-2015

2.2. PRIORITIES FOR ACTION

PUBLIC PRESENTATION
[COMMUNITY/STAKEHOLDERS]



TO CONVINC
[Establish a collaborative strategy]



TO CONNECT
[Involve different actors]



STRONG ALLIANCES AND BROAD PARTICIPATION!!!

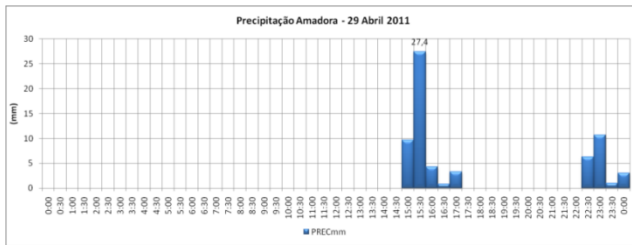
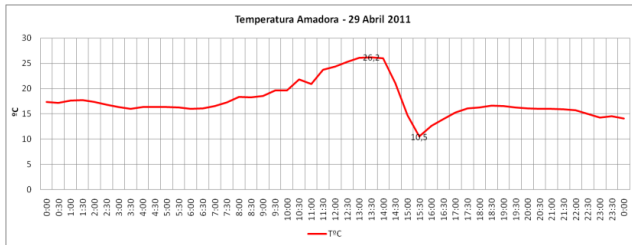


2. AMADORA LOCAL CAMPAIGN 2010-2015

2.2. PRIORITIES FOR ACTION

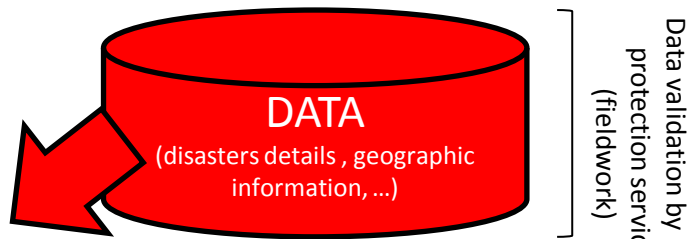
2. IDENTIFY, ASSESS AND MONITOR DISASTER RISKS AND ENHANCE EARLY WARNING

DATABASE UPDATED



Municipal Services

Stakeholders



Identification of critical areas [hazards, vulnerability]

Risk Maps [all the information is provided to the community]





2. IDENTIFY, ASSESS AND MONITOR DISASTER RISKS AND ENHANCE EARLY WARNING

2. AMADORA LOCAL CAMPAIGN 2010-2015
2.2. PRIORITIES FOR ACTION

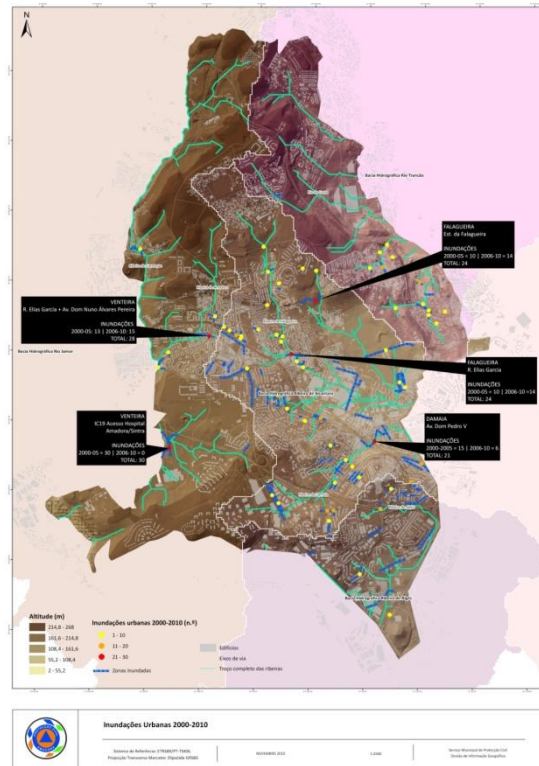
STUDIES AND PLANS IN PROGRESS
 (information will be included on Urban Master Plan)

DISASTERS IN AMADORA MUNICIPALITY (2000-2010)
 [support by TERCUD – academic research]

MUNICIPAL EMERGENCY PLAN 2012-2013

STUDY TARGETS

- * Historic loss data (fire, flood, landslide, gas explosion, extreme weather);
- * Hazard assessment;
- * Identification of high, medium, low risk areas.



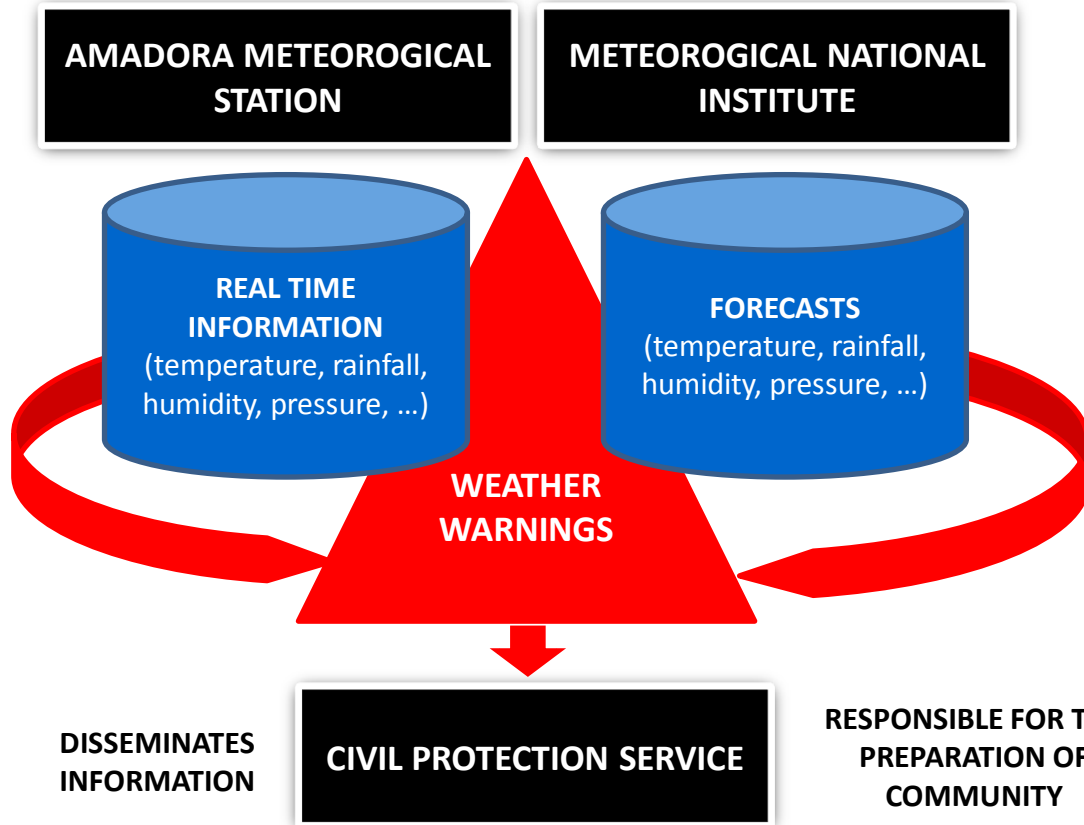
PLAN TARGETS

- * Update risk assessment;
- * Prioritize actions based on land-use zoning, investment decisions and worst scenarios for emergency preparedness;
- * Creation of a geographic information system and monitoring system to include input data from all actors;
- * Define the roles and responsibilities of departments and services involved in risk assessment.



2. IDENTIFY, ASSESS AND MONITOR DISASTER RISKS AND ENHANCE EARLY WARNING

2. AMADORA LOCAL CAMPAIGN 2010-2015
2.2. PRIORITIES FOR ACTION



PREVISÃO METEOROLÓGICA | AVISOS METEOROLÓGICOS
ESTADO DE ALERTA PROTEÇÃO CIVIL AMADORA
PERÍODO: 27JUN (4ªF) – 29JUN (6ªF)

COMUNICADO TÉCNICO OPERACIONAL
[CTO N.º 52/12]

PREVISÃO METEOROLÓGICA LISBOA | AMADORA

27JUN 4ªF	28JUN 5ªF	29JUN 6ªF
MÁX 36	MÁX 29	MÁX 25
MÍN 25	MÍN 20	MÍN 18
NO	NO	NO
10 km/h	15 km/h	15 km/h

ESTADO DE ALERTA PROTEÇÃO CIVIL AMADORA

TEMPERATURA MÁXIMA ELEVADA

AVISOS METEOROLÓGICOS

- Ausência de situações meteorológicas de risco.
- Situação de risco para determinadas atividades face à situação meteorológica.
- Situações meteorológicas de risco moderado para determinadas atividades.
- Situações meteorológicas de risco extremo para determinadas atividades.

PREVISÃO METEOROLÓGICA LISBOA | AMADORA

4ªF | 5ªF | 6ªF: Céu limpo ou pouco nublado;
 - Tempo quente e seco até 4ªfeira;
 - Descida das temperaturas; mínimas a partir de 5ªfeira;
 - Vento fraco a moderado do quadrante noroeste;
 - Agitação marítima 1-2metros;
 - UV'S 10 [ALTO].

ESTADO DE ALERTA PROTEÇÃO CIVIL AMADORA

TEMPO QUENTE E SECO
RISCO DE INCÊNDIO FLORESTAL ELEVADO
UV'S 10 [MUITO ALTO]

- Tempo quente e seco;
- Calor intenso com o consequente aumento dos efeitos adversos daí decorrentes na saúde pública;
- Condições favoráveis à progressão de eventuais Incêndios florestais;
- Aumento dos níveis dos raios ultravioletas para níveis perigosos.

QUALIDADE DO AR

FRACA
 Fracas condições favoráveis à dispersão de poluentes atmosféricos.

AVISOS METEOROLÓGICOS

- Beba água com regularidade ou sumos de fruta natural;
- Evite fazer atividades que exijam muito esforço físico, particularmente nos períodos de maior calor;
- Nas praias, evite a exposição ao sol no período entre as 11h00 e as 17h00.
- É PROIBIDO: deitar fora pontas de cigarro, designadamente pela janela do automóvel ou comboio; fazer fogueiras; fazer queimadas; lançar foguetes; aceder, circular e permanecer em áreas florestais.

ESTADO DE ALERTA PROTEÇÃO CIVIL AMADORA

TEMPO QUENTE E SECO
RISCO DE INCÊNDIO FLORESTAL ELEVADO
UV'S 10 [MUITO ALTO]

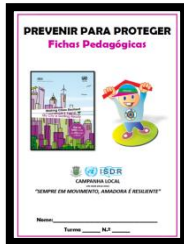
- É improvável a ocorrência de fenómenos;
- Ocorrências com dimensão e magnitude normais;
- Ocorrências que podem provocar um dano potencial para pessoas e bens;
- PERÍODO Ocorrências de fenómenos excecionais que podem causar danos e perdas;
- PERÍODO EXTREMOS Fenómenos de intensidade excepcional com danos e perdas elevadas.



3. USE KNOWLEDGE, INNOVATION AND EDUCATION TO BUILD A CULTURE OF SAFETY AND RESILIENCE AT ALL LEVELS

2. AMADORA LOCAL CAMPAIGN 2010-2015
2.2. PRIORITIES FOR ACTION

STRONG FOCUS ON THE SCHOOL/LOCAL COMMUNITY TRAINING



- School programmes;
- Earthquake National Drill;
- Extreme weather information sessions;
- Thematic workshops;
- Conference IDDR;
- Public survey about risk perception;
- Drills;
- Annual festivities;



WE promote a public awareness campaign on citizen safety and disaster risk reduction;
WE encourage local citizens groups, school, mass media and private sector to join the campaign;
WE work with educational authorities;
WE focus on training priority target groups as municipal departments and emergency management;

TRAINING
"DISASTERS AND RISKS"





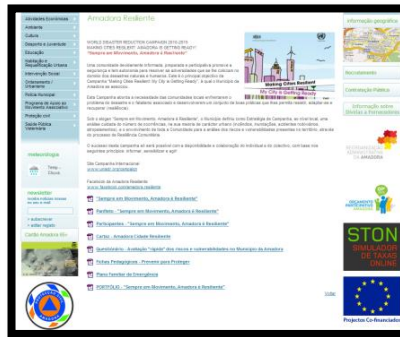
3. USE KNOWLEDGE, INNOVATION AND EDUCATION TO BUILD A CULTURE OF SAFETY AND RESILIENCE AT ALL LEVELS

2. AMADORA LOCAL CAMPAIGN 2010-2015
2.2. PRIORITIES FOR ACTION

TOOLS TO SUPPORT TRAINING AND AWARENESS OF COMMUNITY



EMERGENCY KIT
 Distribution for all stakeholders



AMADORA WEBSITE
 Campaign documents



LOCAL CAMPAIGN ON FACEBOOK
www.facebook.com/amadora.resiliente



LOCAL CAMPAIGN ON YOUTUBE
www.youtube.com/user/UNISDRAmadora



4. REDUCE THE UNDERLYING RISK FACTORS

RISK REDUCTION IN THE STAKEHOLDERS FACILITIES
 (SCHOOLS, HEALTH, MUNICIPAL SERVICES, ...)

- 1st STEP- Identification of non-conformities and propose improvements based on the Legal Framework for Fire Safety in Buildings (national legislation);
 2nd STEP - Technical support to implement action plans and programmes (physical resilience and robustness of stakeholders facilities) ;
 3rd STEP - Training / Awareness for employees and users of facilities;
 4th STEP - Thematic workshops on risks and safety;
 5th STEP - Active participation in local campaign events.

METHODOLOGY

2. AMADORA LOCAL CAMPAIGN 2010-2015
 2.2. PRIORITIES FOR ACTION

ECOXXI PROGRAMME

- Encouraging municipalities to the importance of their role as partners and actors of the process of environmental education for sustainable development;
- Involve municipalities in supporting the implementation of environmental education programs for Sustainable Development ;
- Create awareness among municipalities for the importance of the partnership with the school projects under the implementation of Local Agenda 21;
- Create awareness among municipalities towards greater integration of environmental concerns into municipal policies;
- **Contribute to the development of local sustainability indicators.**

PUBLICATIONS



Self-protection measures for schools

Household emergency plan





TRAINING
"IMPROVE STAKEHOLDERS
FACILITIES"





5. STRENGTHEN DISASTER PREPAREDNESS FOR EFFECTIVE RESPONSE AT ALL LEVELS

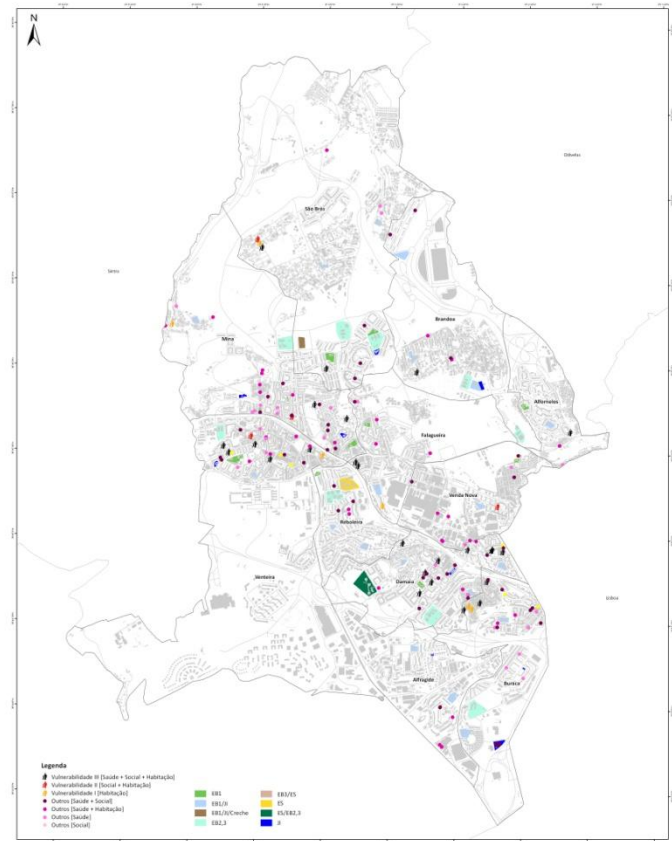
MUNICIPAL EMERGENCY PLAN IN PROGRESS
 [improve preparedness]
 [upgrade city emergency response]
 [improve recovery operations]

SOME CONTINGENCY AND PREPAREDNESS PLANS
 [loss scenarios]
 [public preparedness drills]



**Plans will consider recovery and reconstruction
 Resources that will be needed**

**2. AMADORA LOCAL CAMPAIGN 2010-2015
 2.2. PRIORITIES FOR ACTION**



Caracterização da população vulnerável em risco - Ondas de Calor
 Sistema de Referência: ETRS89/PT-TM68, Projeção Transversa Mercator, Escala de 50000
 NADIR 2011
 1:00000
 Serviço Municipal de Protecção Civil | Divisão de Informação Geográfica, Divisão de Informação Social | Autarquia de Saúde Local



3. FINAL NOTES





3. FINAL NOTES

IN DISASTERS, LOCAL GOVERNMENTS ARE THE FIRST LINE OF RESPONSE!

RISK REDUCTION MUST BE AN INTEGRAL PART OF LOCAL DEVELOPMENT

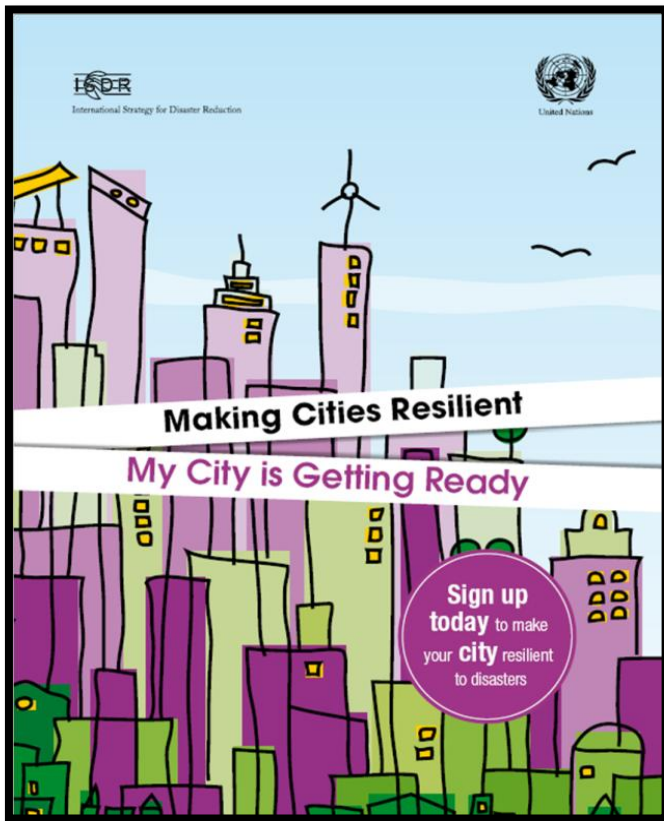
RISK REDUCTION PROCESS SHOULD BE PARTICIPATORY AS POSSIBLE

INCREASE THE CAPACITY OF LOCAL GOVERNMENT TO LEAD TO RISK AND DISASTER CHALLENGES

↓
STAKEHOLDERS

The stakeholder logos include:

- ANPC - Autoridade Nacional de Protecção Civil
- Comando Distrital de Operações de Socorro de Lisboa
- CRUZ VERMELHA PORTUGUESA - Delegação Local da Amadora Região Amadora-Sintra
- POLICIA MUNICIPAL AMADORA
- ALFORNELOS Bem the quer
- Municipalities: Alfornelos, Tejo, Brandão, Amadora, Sintra, etc.
- smas Oeiras e Amadora
- DOLCE VITA SHOPPING TEJO
- AURPI BRANDOÁ
- TVAMADORA
- FESH Grupo de Ambiente
- CCRG - Centro Cultural Roque Gameiro (Fundado em 1973)
- SFR4
- Associação Cultural Moinho da Juventude
- santa casa da misericórdia AMADORA
- cooper activa
- TERCUD - Centro de Estudos do Território, Cultura e Desenvolvimento
- eGEO - Centro de Estudos de Geografia e Planeamento Regional, Faculdade de Ciências Sociais e Humanas, Universidade Nova de Lisboa
- Grupo Protecção Civil Portugal



UN-ISDR 2010-2015
AMADORA LOCAL CAMPAIGN

THANK YOU FOR YOUR ATTENTION!!!



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<http://www.unisdr.org/english/campaigns/campaign2010-2015/cities/>



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POLICIA - COMARCA DE LISBOA
ALFORNELÓS - Bem te quer
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