

„European Energy Efficiency Directives – Tools and Recommendations for Regions and Cities“

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Climate change mitigation and adaptation: practical guidelines for regional and local authorities

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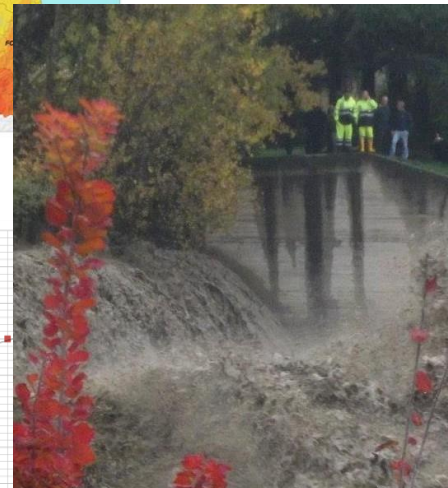
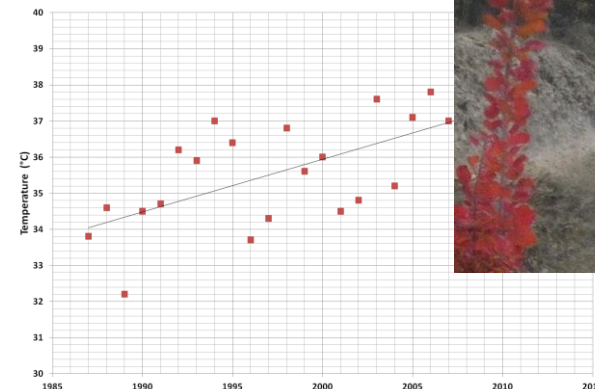
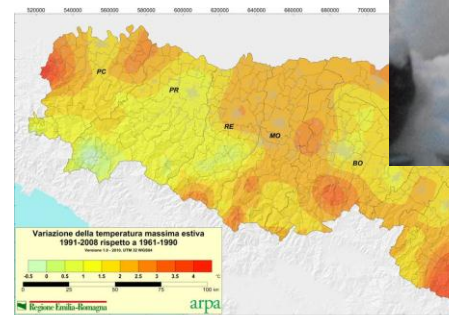


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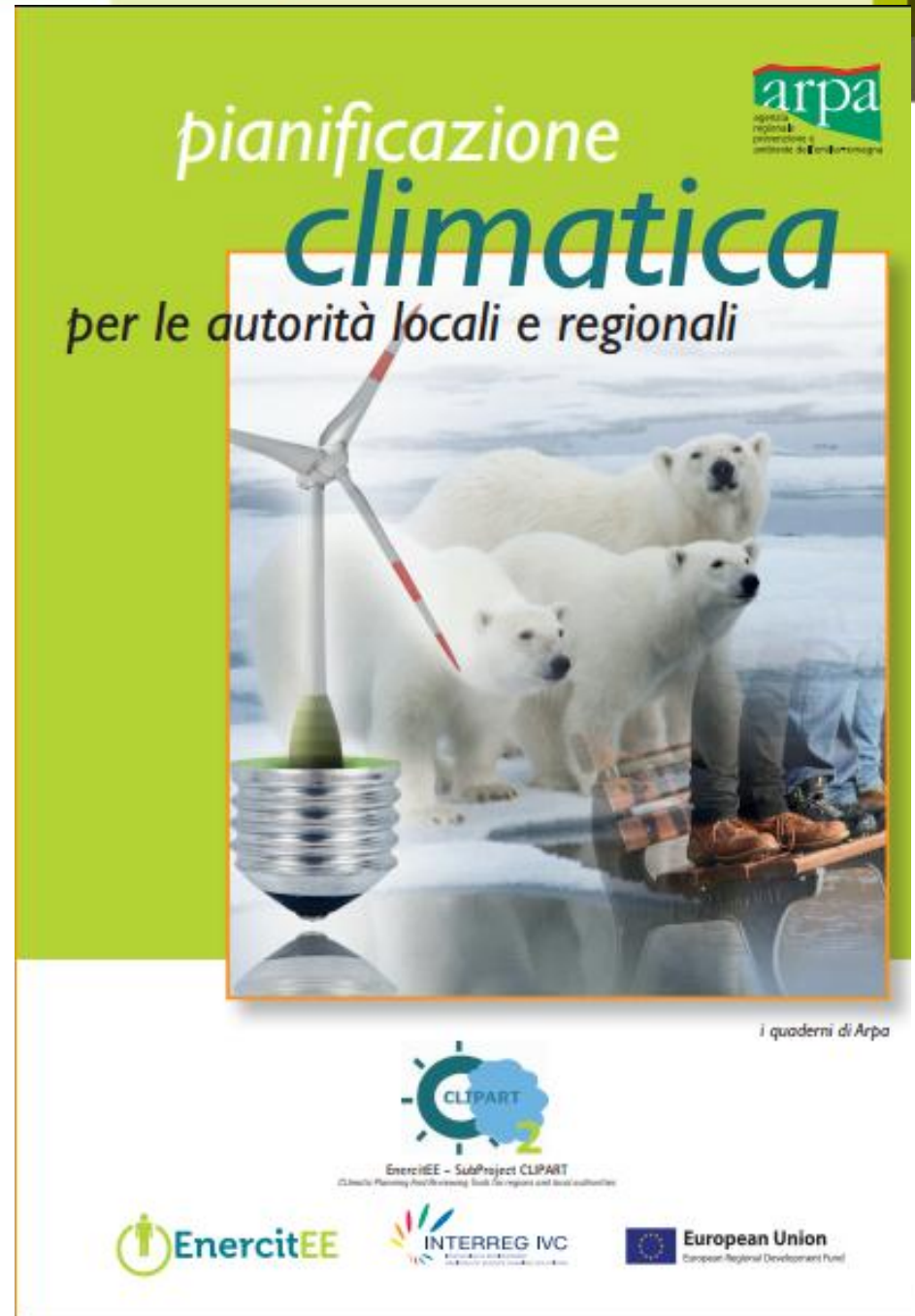
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- 1 Emilia-Romagna
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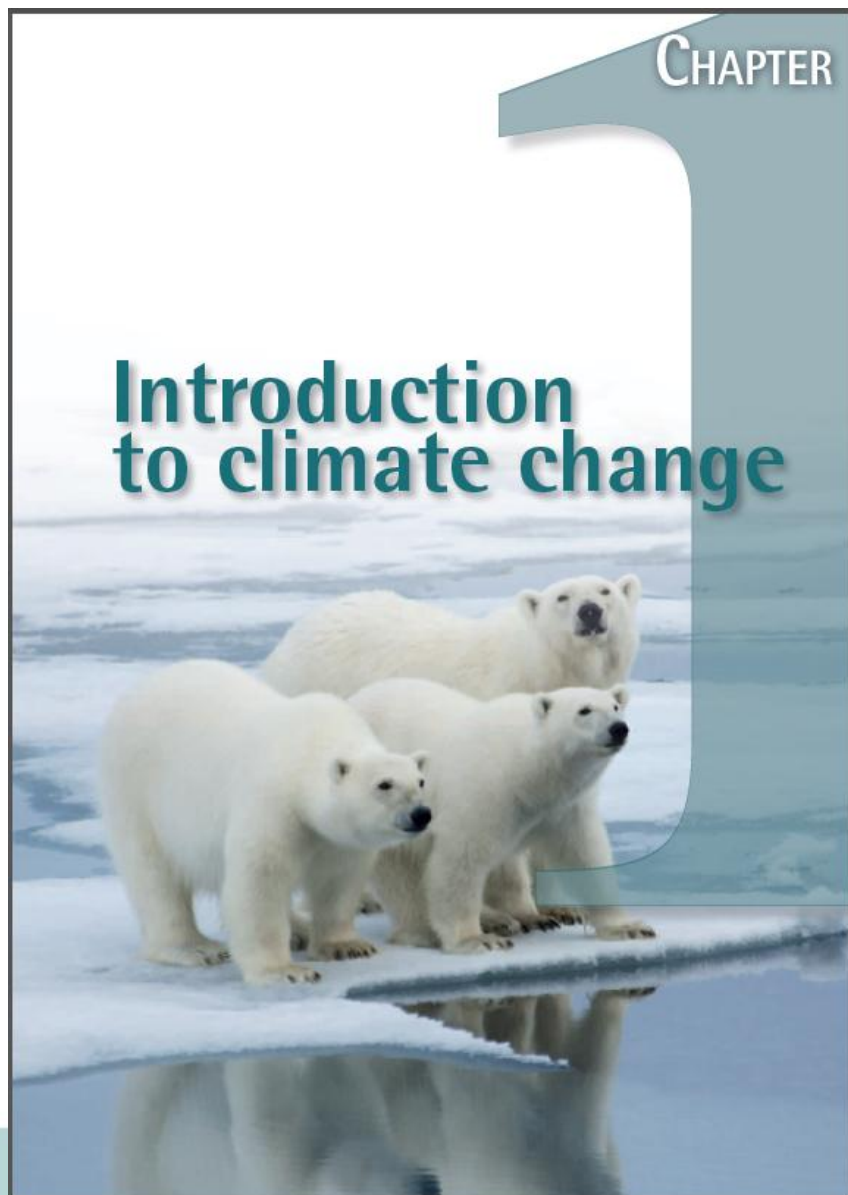
- **Climate change** is a serious issue for Europe
- Floods, warming, extreme events are more or less becoming “**normal**”
- EU addresses climate change with several directives, aiming at **mitigation** (energy efficiency, buildings, transport, 20-20-20 targets)
- An **adaptation** strategy is also being implemented



- The CLIPART subproject deals with **climate change mitigation and adaptation planning**
- Aiming at the needs of **regional and local authorities**
- Supporting the **production and review of mitigation and adaptation plans**
- The main Clipart product was indeed a Handbook called **Climate change planning for regional and local authorities** (final report)
- Available in **English, German, Swedish and Italian** (French and Polish editions to be completed soon)

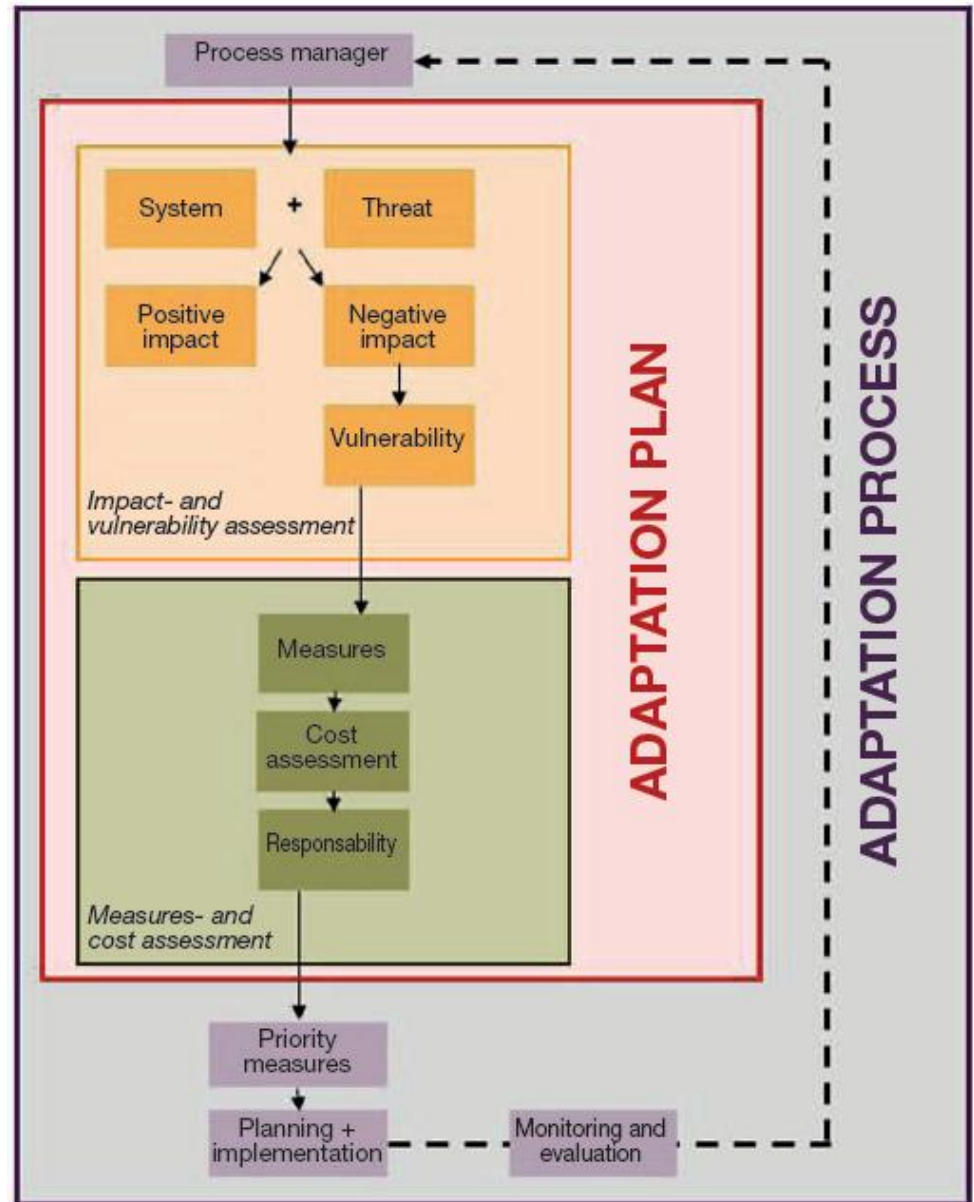
- Here is the Italian cover of the Handbook
- It is a **concise and practical guide** to climatic planning for local and regional authorities
- There are **three main chapters**
 - 1 Introduction to climate change
 - 2 Mitigation planning
 - 3 Adaptation planning
- It describes **procedures and tools** already implemented and verified in some European areas
- It is based on **practical experience** in local climatic mitigation and adaptation planning
- It contains as well a climatic **glossary** and a little **test**





- 1.1 Why should you read this handbook?
- 1.2 What is climate change about?
- 1.3 What are the greenhouse effect and greenhouse gases?
- 1.4 What are the sources and sinks of GHGs?
- 1.5 What is the relation between energy and climate change?
- 1.6 How is climate change impacting the world?
- 1.7 How is climate change impacting your community/region?
- 1.8 Who is taking care of climate change and why?
- 1.9 Why is all this relevant for a local administrator?
- 1.10 What should you do as a local administrator?
- 1.11 What is mitigation?
- 1.12 What is adaptation?

From Chapter 3: Adaptation Process and Plan



- **Dissemination of knowledge** collected and produced as part of CLIPART will continue via the project web page, where downloadable brochures and translations of the final report can be found.
- Activities related to the project are ongoing in all regions; for example, building also on the CLIPART experience, the **adaptation plan for Bologna**, Italy, is being prepared in cooperation with ARPA.
- The Clipart Handbook is being examined at the Italian Ministry of Environment for possible adoption as a "soft adaptation" measure in the framework of the **National Adaptation Strategy**, in preparation.



Thanks for listening!
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