



ADAPTATION TO CLIMATE CHANGE

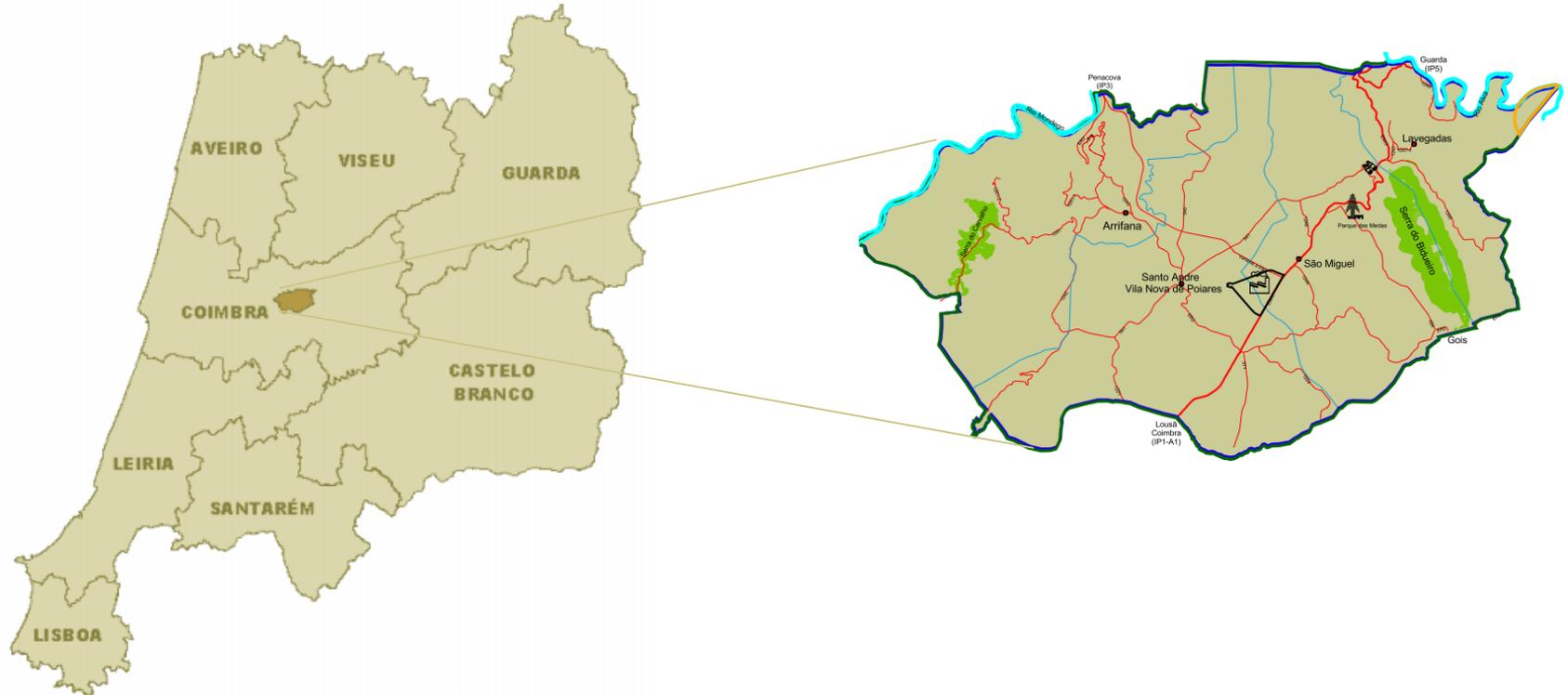
Iceland
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 REPÚBLICA
PORTUGUESA
AMBIENTE E
AÇÃO CLIMÁTICA

Municipality of Vila Nova de Poiares



MUNICIPALITY OF VILA NOVA DE POIARES



- ❖ The Municipality of Vila Nova de Poiares is located in the central region and sub-region of Coimbra, covers an area of about 85 km² and has 6.939 inhabitants (INE 2019).
- ❖ The Municipality is subdivided into 4 parishes: Arrifana, Lavegadas, Santo André and São Miguel de Poiares.

EXTREME EVENTS

 Heat waves;

 Fires;

 Floods;

 Precipitation.



Rafael Carvalho

Climate Change Adaptation Plan

FRAMEWORK

- ❖ The elaboration of this plan is in line with:
 - ❖ The Program of Action for Adaptation to Climate Change (P-3AC);
 - ❖ The National Strategy for Adaptation to Climate Change 2020 (EN AAC 2020).

- ❖ The plan will be developed with the objective of integrating:
 - ❖ The instruments of territorial management;
 - ❖ The planning and management instruments at local scale.

- ❖ The plan will have as reference:
 - ❖ Instruments produced under the AdaPT Program;
 - ❖ Climate data available at the Climate Portal;
 - ❖ Use of data available in the Climatological Normal;
 - ❖ Guidelines of the Global Covenant of Mayors for climate and energy.

OBJECTIVES

- ❖ **Know and Characterize:** Consolidate and develop a solid scientific and technical basis;
- ❖ **Reduce Vulnerability:** Increase responsiveness/ resilience;
- ❖ **Inform, Participate, raise awareness and disseminate:** To encourage the greatest possible participation by all social agents;
- ❖ **Cooperate at National and International Level:** Follow up of cooperations in various international forums.

CHALLENGES

- ❖ Integrate climate change adaptation into planning and decision-making processes of local and regional actors;
- ❖ Raise awareness of local actors through support tools;
- ❖ Increasing the capacity to incorporate adaptation and mitigation measures into their local planning tools;
- ❖ Ensuring that strategies are adapted to municipal territorial specificities;
- ❖ Ensure the active participation of various agents in the several stages of strategy development.

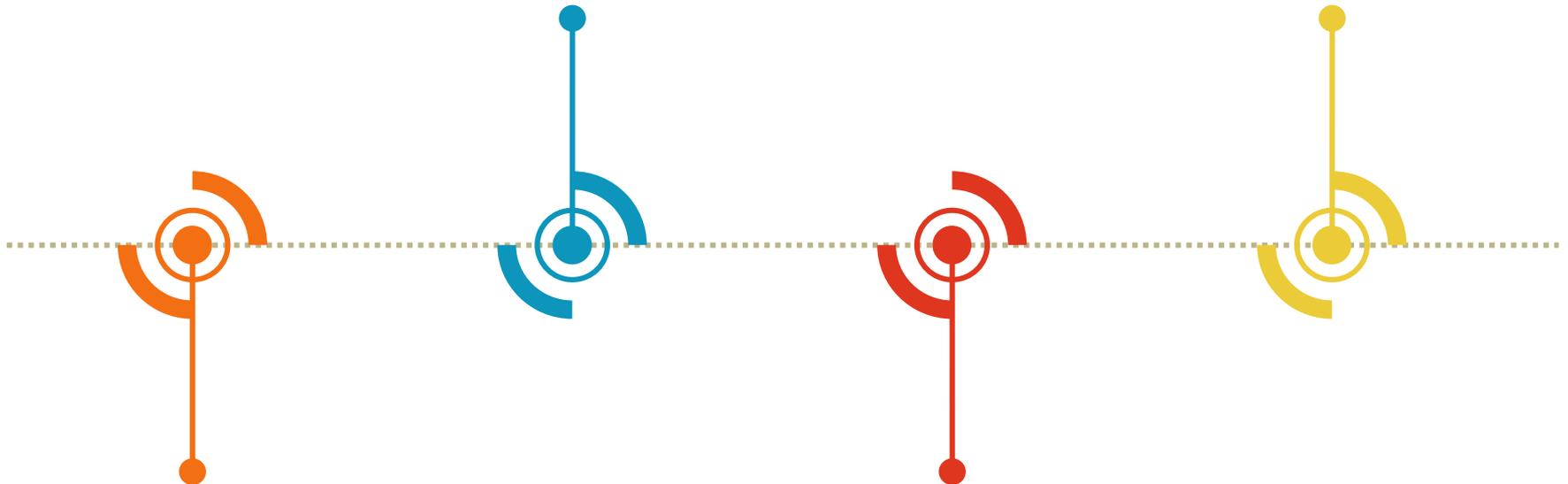
METHODOLOGY

Identification of options and adaptation measures and their prioritization

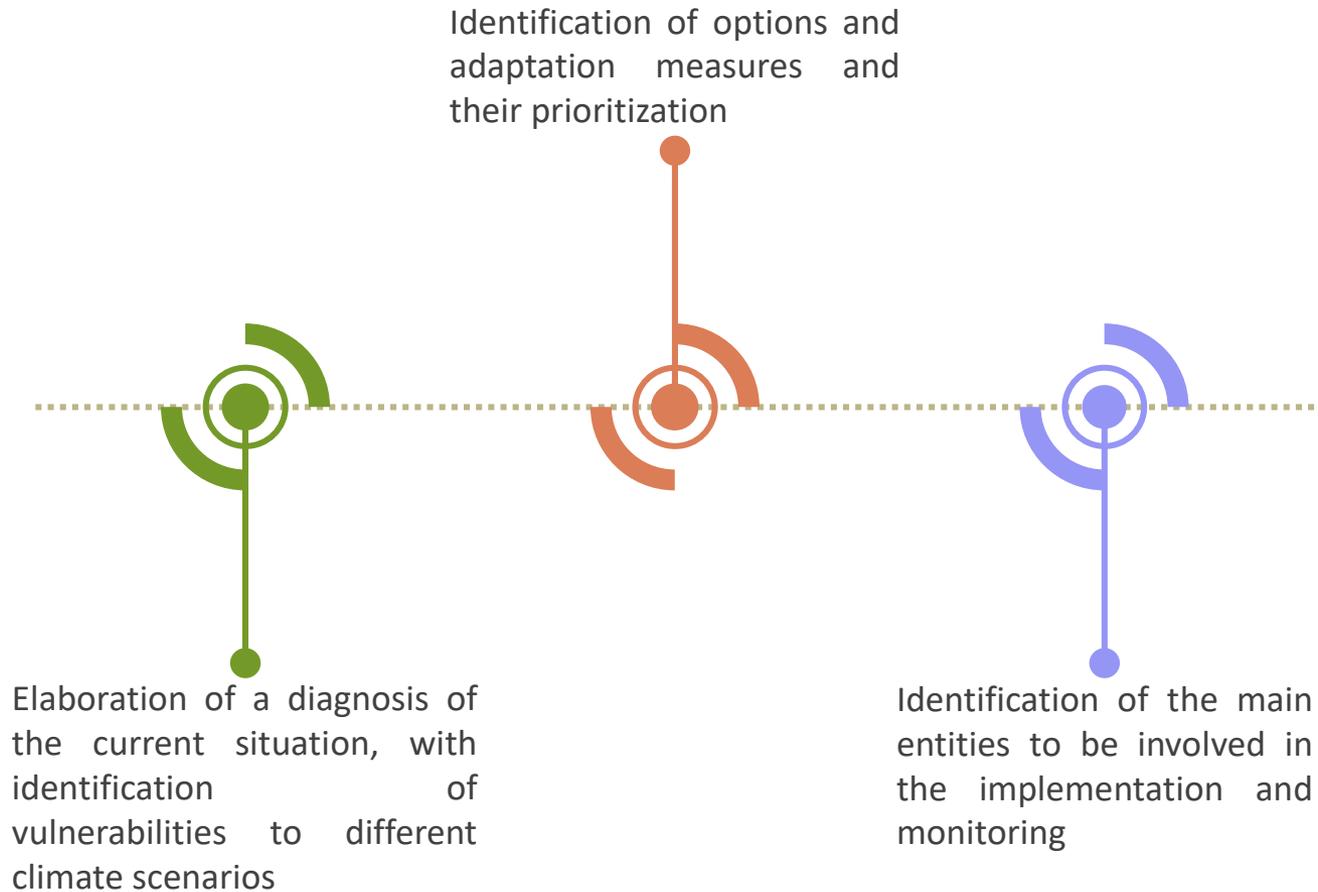
Establishment of a detailed implementation schedule of the measures

Elaboration of a diagnosis of the current situation, with identification of vulnerabilities to different climate scenarios

Identification of the main entities to be involved in the implementation and monitoring



METHODOLOGY



CLIMATE ANALYSIS

Preliminary analysis - Potential Vulnerable Sectors



Agriculture and forestry;



Biodiversity;



Financial;



Health;



Infrastructures;



Water Management and Tourism.



Expected results

EXPECTED RESULTS

- ❖ All the inhabitants of Vila Nova de Poiares benefit from the development of the adaptation strategy;
- ❖ Meetings and consultation of local stakeholders;
- ❖ Identification of good practices of reference on the field of climate change (Benchmarks of excellence);
- ❖ Mitigation of the effects of climate change in the municipality and improvement of adaptation capacity

EXPECTED RESULTS

- ❖ Raise awareness and inform the population about issues related to climate change and solutions to mitigate its effects;
- ❖ To mobilize the population to actively participate in the projects that the Municipality develops;
- ❖ Understand the vulnerabilities of the Municipality and define how to act to foster resilience;
- ❖ To support decision making in the face of climate vulnerabilities;
- ❖ A strategy for energy and climate sustainability is fundamental for its impacts on the territory, quality of life and growth of the region;

EXPECTED RESULTS

- ❖ A strategy for carbon neutrality in the medium/long term contributes to a better balance of the regional economy;
- ❖ Good energy and environmental performance is intrinsically linked to research, development and demonstration of more efficient and energy transition technologies and products;
- ❖ It is essential to mobilize public and private initiatives for a carbon neutral territory by strengthening competitiveness, encouraging innovation in the energy services markets and the participation of the population and the economic.



THANK YOU

