



The Regio1st Participatory Priorities Ranking (PPR) tool (ICCS)

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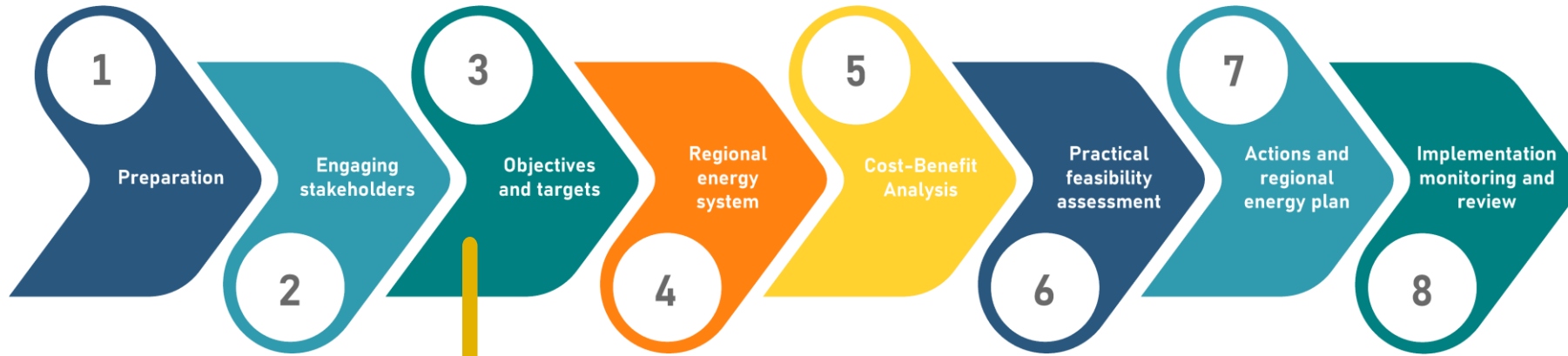


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Introduction



The
Participatory
Priorities
Ranking
(PPR) tool

Stage	Tool
1 Preparation	Roles and Responsibilities Matrix
2 Engaging stakeholders and building partnerships	Stakeholder Identification and Analysis Template
	Stakeholder Engagement Plan Guidance
3 Reviewing energy objectives and targets	National and Regional Targets Comparison Template
	Participatory Priorities Ranking (PPR) Tool
4 Exploring the current regional energy system	Energy Inventory Data Collection Template
5 Cost-benefit analysis	Technology Catalogue Tool
	Cost-Benefit Analysis Tool
6 Assessing the practical feasibility of least-cost energy solutions	Multi-Criteria Decision Analysis Tool (Stages 6 and 7)
7 Defining actions and developing the regional energy plan	Monitoring Template

Select and prioritize
Energy and Climate
Priorities at the
regional level

- Incorporate views of stakeholders and wider society
- Increase societal ownership of the regional planning
- Be relevant with the national and EU energy and climate targets

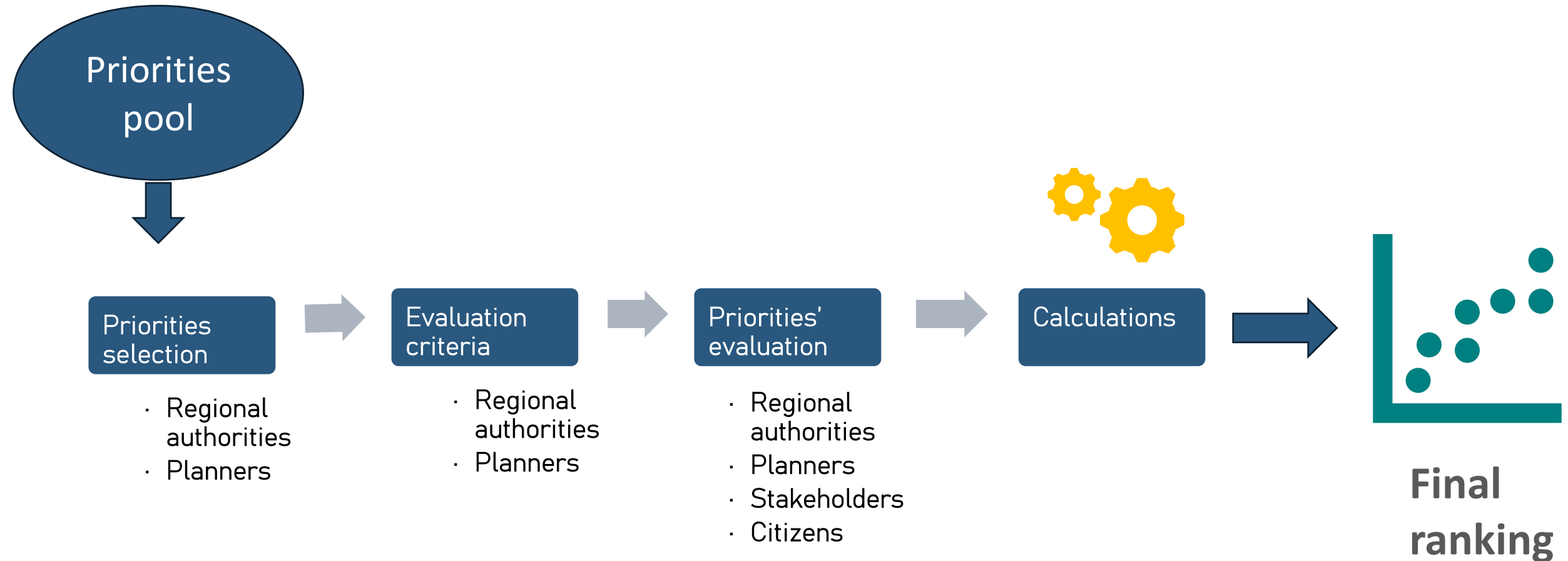
Theoretical Background

promoting
**multi-level
governance** in
regional
planning

be **flexible**
enough current
planning
procedures

Enhance
**participatory
decision-
making** (can be
adjustable to
different
participatory
methods)

Methodology of the PPR Tool



Features

Excel-based format

Four (4) tabs

- Cover
- Instructions
- PPR tool (Core part)
- Example

Scientific base

MCDA algorithm based on the Weighted Sum Method (WSM)



Participatory Priorities Ranking Tool

REGIO1st Planning Framework

Stage 3 - Reviewing energy objectives and targets

<https://fedarene.org/project/regio1st/>

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Participatory Priorities Ranking Tool

User instructions

Guidance

Objective

The purpose of this tool is to assist users in selecting and prioritizing Energy and Climate Priorities at the regional level. Given that involving all relevant parts, including authorities, planners, stakeholders, and society, is vital for creating a meaningful plan, the tool incorporates features that facilitate collaborative decision-making regarding regional priorities.

Description

The Participatory Priorities Ranking (PPR) tool is a structured tool designed to support regional authorities define their priorities in energy and climate policy, through a participatory approach by engaging stakeholders in the decision-making process.

It offers a transparent framework that guides users through the process of selecting, evaluating and ranking priorities. This structured approach encourages open communication, fosters a sense of ownership and buy-in from all stakeholders, and promotes a shared understanding of regional planning.

Through their active involvement, stakeholders can collaboratively weigh the significance of each priority, considering various factors such as EU & National policies, social acceptance and other regional strategies. By enabling the consideration of diverse perspectives and expertise, the tool ensures a robust evaluation and ranking of priorities, leading to informed and well-

Participatory Priorities Ranking tool

Step 1 - Select priorities

Who: Regional authority & planners

What: Select up to 7 priorities to consider for your regional energy and climate plan. There is a list of indicative priorities to help you select. Energy Efficiency First is a far-reaching European guiding principle. Recently, Article 3 of the revised Energy Efficiency Directive (EU/2023/1791) sets an obligation for EU countries to ensure that energy efficiency solutions are considered in planning, policy and investment decisions in both the energy and non-energy sectors. Therefore, **Energy Efficiency should be one of the 7 priorities selected** to be

How: Click on the cells in table 1 below. A drop-down menu of suggested priorities is available. You can choose one priority per cell. Alternatively, you can define your own priorities by typing in "Table 2. List of indicative priorities" (type in your own priorities in the last three cells of the table or overwrite the ones above).

Users should fill in the orange cells only

Table 1. Priorities selection

Priorities selection

Table 2. List of indicative priorities

List of indicative priorities
Energy Efficiency
Climate Adaptation
Regional and Local Development
Economic Growth
Energy Independence
Technological Innovation
Protection of Environment, Biodiversity and Land Uses
Changing peoples Energy Habits

Participatory Priorities Ranking tool

REGIO1ST | Planning Framework

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Table 1. Priorities selection

Priorities selection
Energy Efficiency
Climate Adaptation
Regional and Local Development
Just Transition
Smart Cities Transition

**Users should fill in orange cells only*

Table 2. List of indicative priorities

List of indicative priorities
Energy Efficiency
Climate Adaptation
Regional and Local Development
Economic Growth
Energy Independence
Technological Innovation
Protection of Environment, Biodiversity and Land Uses
Changing peoples Energy Habits
Energy Poverty Alleviation
Smart Cities Transition
Renewable Energy production
Just Transition

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Cover

Instructions

Tool_PPR

Example

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Demonstration



Step 1 - Select priorities



Step 1 - Select priorities

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Priorities selection

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Table 2. List of indicative priorities

List of indicative priorities

- Energy Efficiency
- Climate Adaptation
- Regional and Local Development
- Economic Growth
- Energy Independence
- Technological Innovation
- Protection of Environment, Biodiversity and Land Uses
- Changing peoples Energy Habits
- Energy Poverty Alleviation
- Smart Cities Transition
- Renewable Energy production
- Just Transition
- Deep Renovation of buildings / nZEBs
- Decarbonization of Heating
- Energy Upgrade of Public Infrastructure (non buildings)
- Sustainable Urban Mobility / Modal Shift

Cover

Instructions

Tool_PPR

Example

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Step 2 - Define the Importance of the Evaluation Criteria

Step 2 - Define the Importance of the Evaluation Criteria

Who: Regional authority & planners

What: In this step, **choose the criteria** to use for ranking your regional/local energy planning priorities. Four criteria are preselected, as presented in Table 3. Then, **assess their importance** to support the priorities ranking process. After defining their importance, the tool calculates each criterion's weight.

How: Select the criteria to use for ranking your regional/local energy planning priorities by either accepting those shown in Table 3 or overwriting these. Then, give a score to each one of the four criteria, according to their importance when selecting regional/local energy planning priorities. To do so, choose the desired score from the drop down list. The importance scale is linguistic, and ranges from "Very Low" to "Very High". Please note that it is obligatory to select a score for each priority

Users should fill in the orange cells only

Table 3. Criteria's importance

Criteria to rank Regional Priorities	Select Importance (Very low to very high)	Weight
National and EU policies relevance		<< Please select importance
Regional strategy relevance		<< Please select importance
Stakeholders' satisfaction		<< Please select importance
Social acceptance		<< Please select importance

**Users should fill in the orange cells only*

Step 3 - Evaluate priorities



Step 3 - Evaluate priorities

Who: Regional authority, planners, stakeholders, citi

What: This step enables participatory decision-making, as it aims to actively involve stakeholders in the planning process. **Each priority** selected by the planning team, **must be evaluated based on the designated criteria**.
For every priority, the planning team assesses its alignment with National & EU policies (1st criterion) and with the broader regional strategy (2nd criterion). **Energy Efficiency should be one of the priorities scoring very high**.
Stakeholders evaluate each priority's relevance to their respective needs by assigning a score under "Stakeholders' acceptance" (3rd criterion).
Citizens, represented by NGOs, civil groups, and other stakeholders, assign a score to each priority according to their needs, under "Social acceptance" (4th criterion).

How: Please fill in the number of votes for each score for each one of the regional/local energy planning priorities per criteria. To obtain the number of votes you can use various methods (e.g. questionnaire, voting in a meeting/workshop, and online polls).
The evaluation scale is linguistic and ranges from "Very Low" to "Very High".
Please note that it is compulsory to choose a score for all four criteria and all selected priorities

Be aware: The fact that there are many stakeholders involved in the decision-making process may pose a challenge in deriving a score per criterion per priority. Determining such a score can be accomplished through various participatory decision-making methods, such as **consensus-based scoring** (which implies discussion and agreement between participants) or **scoring through voting** (online polls or raised-hand voting). The table below enables the latter, but if consensus is achieved, the table can be completed by using 1 vote per priority and criteria to the score that has been agreed.
Overall, the planning team (regional authority/energy office) must be proactive and facilitate the participatory process. More on participatory policy

Users should fill in the orange cells only

Table 4. Priorities evaluation

Evaluator:		Question	Score	Number of votes for each score per priority				
				Energy Poverty Alleviation	Energy Efficiency	Priority XI		
Regional/local authority & planners	How relevant is each priority to National and EU policies?	Very Low						
		Low						
		Medium						
		High						
		Very high						

Step 4 – Results

Step 4 - Rank Priorities

What: Here you can find the final Priorities Ranking.



Case Study: Implementation in Region of Western Macedonia, Greece



Case Study: Western Macedonia Region

Step 1



Table 1. Priorities selection

Priorities selection
Energy Efficiency
Regional and Local Development
Just Transition
Protection of the environment, biodiversity and land uses
Climate Adaptation

Users fill in orange cells only

Case Study: Western Macedonia Region

Step 2

Table 3. Criteria's importance

Criteria to rank Regional Priorities	Select Importance (Very low to very high)	Weight
National and EU policies relevance	Very high	25%
Regional strategy relevance	Very high	25%
Stakeholders' satisfaction	Very high	25%
Social acceptance	Very high	25%

**Users fill in orange cells only*

Case Study: Western Macedonia Region

Step 3

Evaluator:	Question	Score	Number of votes on each score per priority					
			Energy Efficiency	Regional and Local Development	Just Transition	Protection of the environment, biodiversity and land uses	Climate Adaptation	
Regional authority & planners	How relevant to the National and EU policies do you assess each priority?	Very Low						
		Low						
		Medium						
		High						
		Very high	1	1	1	1	1	
Regional authority & planners	How relevant to your Regional strategy do you assess each priority?	Very Low						
		Low						
		Medium						
		High						
		Very high	1	1	1	1	1	
Stakeholders	How satisfied are you with each priority?	Very Low					1	
		Low			1	2	2	
		Medium	2		6	5	3	
		High	3	3	2	4	3	
		Very high	8	10	8	7	7	
Citizens	How satisfied are you with each priority?	Very Low	1			1		
		Low		3			2	
		Medium	7	3	2	5	2	
		High	5	4	4	5	3	
		Very high	6	9	11	7	8	

Case Study: Western Macedonia Region

Results

Priorities Ranking



Challenges and Lessons Learned



Challenges

- Evaluations based on the majority opinion/ consensus led to equal scorings
- Difficulty of some stakeholders to comprehend the questions
- Lack of awareness of participants about participatory processes
- Regional authorities are not familiar with participatory planning



Lessons Learned

- High participation is important to get representative results
- Clear communication of the context of each question
- Energy efficiency is not considered as top priority from all stakeholders – considerable variability in different stakeholders' preferences
- An experienced facilitator in participatory methods can be added value
- Testing a tool in real conditions is key to improving it

Thank you!

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For more info, follow our hashtag **#regio1st**, visit our website or contact us:



[Get Started | Regio1st-planning-framework \(fedarene.org\)](https://www.fedarene.org/regio1st-planning-framework)



[Regio1st - Fedarene](mailto:info@fedarene.org)



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