

REPUBLIC OF NORTH MACEDONIA

Introduction and development of Energy
Communities in the Energy Market of
North Macedonia

DIRECTIVE (EU) 2018/2001 ON THE PROMOTION OF THE USE OF ENERGY FROM RENEWABLE SOURCES (RECAST)

Requirements from the Directive:

- Member States shall ensure that final customers, in particular household customers, are entitled to participate in a renewable energy community while maintaining their rights or obligations as final customers, and without being subject to unjustified or discriminatory conditions or procedures that would prevent their participation in a renewable energy community, provided that for private undertakings, their participation does not constitute their primary commercial or professional activity.
- Member States shall carry out an assessment of the existing barriers and potential of development of renewable energy communities in their territories
- Member States shall provide an enabling framework to promote and facilitate the development of renewable energy communities.
- Member States, where appropriate with the participation of local and regional authorities, shall develop suitable information, awareness-raising, guidance or training programmes in order to inform citizens of how to exercise their rights as active customers, and of the benefits and practicalities, including technical and financial aspects, of developing and using energy from renewable sources, including by renewables self-consumption or in the framework of renewable energy communities.

DEFINITION OF THE TERM “RENEWABLE ENERGY COMMUNITIES”

Draft Law on Communities definition

- A community is an association of individuals and / or legal entities voluntarily united for their economic, social, cultural and other needs, jointly owned and democratically governed.

Definition of the term “renewable energy communities”

- Energy communities are an association of the local population, a group of citizens, whose investment in renewable energy sources will result in the development of their community.

COMMUNITIES OPERATE ON THE FOLLOWING PRINCIPLES

- Voluntary and open membership
- Democratic control by members
- Economic participation of members
- Independence
- Education, training and information
- Cooperation between communities
- Community care

PROJECT PROPOSAL

Development of residential energy communities

Assessment of the existing barriers

- Legal support
 - Amendments to the Energy Law, Law on communities and relevant bylaws
 - Introduction of feed-in tariff and guaranteed purchase of the produced electricity
 - Financial support (feed-in tariff, grants, subsidies)
- Administrative support

One-stop shop for submitting and issuance of relevant documents,
(preferable online)

MODEL OF ENERGY COMMUNITY

Step 1: Minimum 10 citizens (submit their initiative to the Council of the municipality)

Step 2: Decision of the Council of the municipality

Step 3: Establishment of the energy community by public call-
(possible installed capacity, expected annual electricity production, decrease of CO₂, investment cost and expected income)

Step 4: Establishment of assembly of subcontractors

Step 5: Election of president of the community, supervisory board and secretary

Maximum installed capacity	133,33	kW
Expected annual electricity production	154,13	MWh
Total investment (500 eur/kW)	66.665,00	€
Feed in tariff	70,00	€/MWh
Expected annual income	10.789,06	€
Cost for maintenance	1.078,91	€
Reserved assets – 5%	539,45	€
Income to be shared among members	9.170,70	€
Inflation rate	3,5	%
Number of apartments	55	
Share of each member	1.212,09	€
Annual income by members	166,74	€

BENEFITS

Social	Environmental	Economic
Creating managerial and technical skills in the local community	Decrease of the greenhouse gas emissions	division of the investment risk among the members of the community
Creating new jobs (maintenance, installation and production)	Improvement of the environment (better energy efficiency of the buildings)	Investment in project that increase the development of the community
increase the sense of belonging in the community		Savings on electricity cost
		opportunity to invest profits in new energy efficiency measures

THANK YOU FOR YOUR ATTENTION

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