



**Project NRGCOM:
Creating appropriate operational conditions for renewable energy
communities in the Danube Region**

SYNOPSIS REPORT

Good Practices Template

**PP12-NEK project for the 2-nd period of
activity A.T.3.5**

**A.T.3.5 Creation of a comprehensive database containing best
practices of energy communities operating in the Danube region**

**Vytvorenie komplexnej databázy obsahujúcej osvedčené
postupy energetických komunit pôsobiacich v dunajskom
regióne"**

PP12 National Energy Cluster NEK, Slovak republic

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European Union and the Ministry of Investments, Regional Development and
Informatization of the Slovak Republic**

Project partner:
PP12 Národný energetický klaster NEK, Bratislava

Country:
Slovak Republic

Reporting period: 2nd

Document Content

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- 2 Presentation of the main information about the described energy community TEEK**
- 2 Good Practices of Energy Communities – PP12-NEK**

1 Brief description of the activity solution in Slovak conditions

The essence of this activity according to the assignment and main content of the NRGCOM project is, based on the results of the research activities A.T.1.2, A.T.1.3, A.T.1.4 and the pilot tests A.T.2.3 and A.T.2.4, as well as the results of the additional analysis focused on energy communities in the Danube region, to gradually create an interactive database for the dissemination of the concept of energy communities, the establishment, presentation of emerging and existing communities, the dissemination of current information and the presentation of their operating models, energy production technologies with regard to RES and solutions for creating databases.

Since this activity is extensive and gradually interwoven from the beginning of the 2nd period of the project until its end (the 5th period in 2026), in domestic Slovak conditions under the guarantee of PP12-NEK it is particularly necessary to focus on this and gradually create and establish functioning and future-successful energy communities.

PP12-NEK in coordination with the guarantor of this activity PP – PRA and with the active contribution of the government structure of ambassadors, experts and stakeholders gradually collects proven solutions in Slovakia and contributes to the building of new energy communities, while emphasizing professionalism and especially the already existing database of partner Slovak industrial energy clusters, cooperation with companies and national state agencies, but also with regional and local governments.

For the 2nd Period, a trial project to establish an energy community in Slovesnka in the Trenčín region was launched by the TEEK organization.

This document and its results, given that the activity A.T.3.5 is a “living organism”, will be continuously evaluated, supplemented and expanded with new examples of good practice and best practices of domestic energy communities.

The report with its content is a contribution from PP12-NEK to the creation of an interactive digital database and map (compiled by the activity guarantor - PP PRA) presenting energy communities and RECs operating in the Danube region.

2 Presentation of the main information about the described energy community TEEK

TEEK - Trenčín Energy Environmental Cluster TEEK is an interest association of legal entities and operates in the Trenčín region and also with nationwide coverage. More information is available at the website: <https://www.teek.one>

TEEK aims to continuously develop modern and systemic energy and environmental policy, develop industry, the environment and the recycling economy, as well as develop the business environment with an emphasis on production, distribution, investment development, research, development, education, social development, ecology and the implantation of new technologies to alleviate environmental burdens and support the competitiveness of the Slovak economy.

The MOTTO of existence is: **"We are an association for quality life."**

The main partners of this industrial cluster grouping are companies and institutions such as: NARA-SK (National Recycling Agency), ECOWA, a.s, POH (social service enterprise), MAVA plus s.r.o., BIC Consult., s.r.o. and others.

TEEK was established in early 2022 with the aim of supporting and building regional energy clusters and communities and ensuring the distribution of energy based on RES with a special emphasis on small and medium-sized enterprises as users.

Among other activities, it is dedicated to the issue of energy communities in the energy sector, in particular:

a) developing and supporting joint projects and presentations in the field of production, distribution, investments and construction in energy, environmental science, ecology, innovations and related economics

b) establishing and institutionalizing international cooperation and developing the domestic business environment, cooperating with national and regional agencies, bodies and organizations of state administration, local government and the business sector

c) searching for and managing new investment opportunities in the Trenčín region of Slovakia, developing energy and environmental concepts and programs for sustainable development in energy

d) implementing applied research, development and innovation in natural and technical sciences, processing, evaluating and auditing projects and investments, preparing professional and expert opinions in energy, ecology, construction, engineering, science, research, development and technical innovations and related fields through professionally qualified persons of the Association

e) implementing professional and specialized educational projects and programs, implementation of educational projects and programs within the framework of social inclusion for members and partners of the Association and within the framework of supporting cross-border and international cooperation also within energy communities and cluster platforms

f) support for the focus of its own members for the pro-export orientation of their activities and products and for the creation of member projects for the green economy, digitalization and building resilience against market influences and impacts, based on energy communities and networking of enterprises in the production and distribution of energy on a regional and local scale.

3 Good Practices of Energy Communities – PP12 - NEK

Since in the 2nd period of the NRGCOM project, PP12 - NEK has planned activities within this activity A.T.3.5 and in the past period there has been no significant information and guidance on the matter from the expert guarantor of this activity - PP - PRA, it was necessary to independently approach solutions and after studying the expert outputs and materials (our own and other partners) published in the joint Google Sharing portal: activities A.T.1.2, A.T.1.3, A.T.1.4 ako aj A.T.2.3 a A.T.2.4), this activity began to be implemented, namely the establishment and foundation of a local energy community in the municipality of Opatovce nad Nitrou, through the regional center of the TEEK cluster.

During the months of September and October 2024, partners - community members met here in the environment of the municipal office (local government) and jointly ensured the preparation and launch of activities, mainly in the following steps:

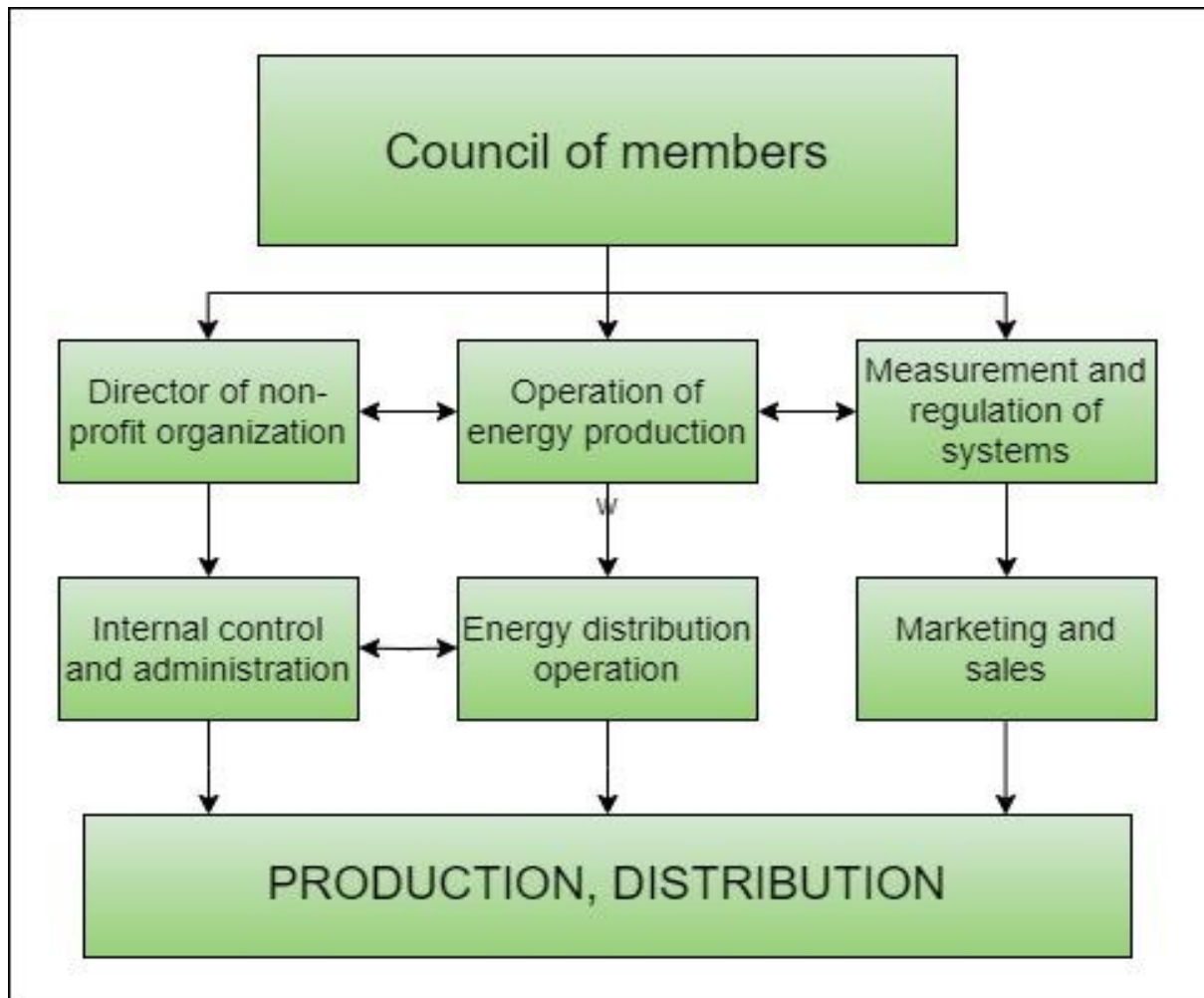
1. Creation and contractual mutual arrangement of the membership and relationships and competencies in the composition: 4 businesses, 1 school, 1 municipality, 1 apartment building (apartment management)
2. Contractual relationships and determination of the input offer capacity of energy production and supply in the municipality for the prepared consumption points
3. Agreement on consumption points in the municipality and connection to the local distribution system, processing of legislative permits from the relevant state authorities
4. Preparation for the launch of operation in the second half of 2025
5. Provision of management, professional staff for management and monitoring of the EC system and the method of future administration.

On November 5, 2024, the participants met at a joint founding meeting in Opatovce nad Nitrou in the local municipal Cultural House, also in the presence of professional guests, namely Mr. Kováčik from the Association of Construction Entrepreneurs of Slovakia (ZSPS) and the renowned Slovak expert on energy and the automotive industry Prof. Lešínský, as well as the mayor of the village Mrs. Melišková.

The founding members, namely companies operating directly in the given region:

ECOWA, a.s,
POH, s.r.o.;
MAVA plus s.r.o.;
BIC Consult.,
Municipal Office in Opatovce nad Nitrou,
Primary School in Opatovce nad Nitrou
Administration of the multifunctional apartment building in the village

jointly solved several initial organizational, but mainly technical problems such as the energy audit of the village, energy management, waste management or possible power supply and distribution points in the village for the future functioning of the community.



As part of presenting a case of good practice and an already proven procedure for preparing and establishing a specific energy community at this location, PP12- NEK publishes brief data based on the published form from the project agenda and NRGCOM emails in the developed form:

Good Practices of Energy Communities

PP12-NEK

Original/Slovak Language	English version
1. Názov v slovenčine	1. Name in English
<i>/Sem napíšte anglický názov dobrej praxe/miesta/</i>	<i>/Write here the English name of the good practice/place</i>
Budovanie obecnej energetickej komunity TEEK Trenčiansky Energetický Environmentálny klaster	Building a municipal energy community TEEK Trenčín Energy Environmental Cluster
2. Titulky v angličtine	2. Subtitle in English
<i>/Sem napíšte anglický podnadpis dobrej praxe/miesta/</i>	<i>/Write here the English subtitle of the good practice/place/</i>
Zriaďovanie miestnej energetickej komunity v obci: Opatovce nad Nitrou 367, 97202 Opatovce nad Nitrou	Establishing a local energy community in a municipality: Opatovce nad Nitrou 367, 97202 Opatovce nad Nitrou
3. Krátky popis v angličtine	3. Short description in English
<i>/Sem napíšte niekoľko odrážok o aktivitách dobrej praxe/miesta v angličtine/</i>	<i>/Write here some bullet points about the activities of the good practice/place in English/</i>
Príprava a zriaďovanie miestnej energetickej komunity so zapojením obce: - vytvorenie členskej zostavy: 3 podniky, 1 škola, 1 obec, 1 bytový dom - zmluvné vzťahy a stanovenie vstupnej ponukovej kapacity produkcie a dodávok energií - dohodnutie odberných miest v obci a prepojenie s miestnou distribučnou sústavou - príprava spustenia fungovania v druhom polroku 2025 - zabezpečenie odborného personálu pre	Preparation and establishment of a local energy community with the involvement of the municipality: - creation of a membership: 3 companies, 1 school, 1 municipality, 1 apartment building - contractual relations and determination of the input supply capacity of energy production and supply - agreement of consumption points in the municipality and connection to the local distribution system - preparation for the launch of operation in the second half of 2025

riadenie a monitoring systému EK.

- provision of professional staff for the management and monitoring of the EC system.

Kategória/Category

Interest group of legal entities/clusters – Energy Community
Záujmové združenie právnických osôb/klaster – Energetická komunita

/Choose a category/Kategória

Adresa/Address

Opatovská 519/23, 911 01 Trenčín

/Write here the address/

Lat

48.897599

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Lng

18.069849

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Photo from the working session of the energy community organizers
Photo from the founding meeting of the energy community



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