



## Newsletter #5 – APRIL 2024



## Welcome to the FEDECOM Project's Video-Enhanced April Newsletter!

**Dear colleagues,**

As we move past the 18-month milestone of the 4-year FEDECOM project, we are thrilled to present you with a special treat for our fifth newsletter edition – video testimonials from the consortium! We hope this will help us establish a more dynamic connection with you as we continue to advance with our contributions towards shaping the potential of federated energy communities across Europe.

In this interactive newsletter, you'll hear from individuals who are steering the various activities of the FEDECOM project. Each of them will introduce themselves and provide a succinct overview of their goals, the progress they've made, the challenges faced, and the milestones achieved. They will also discuss the results already achieved and the results expected to be achieved.

Please also visit our website and follow our social media channels for further information and to stay informed about our latest developments.

Best regards.

# Project presentation

*Stéphane Pouffary, ENERGIES 2050*

Project presentation, Stéphane POUFFARY [FEDECOM - Newsletter #5 - April 2024] for flexible and interoperable energy COMMunities

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# A word from the Project coordinator

*Iván Pasarín, VEOLIA - GIROA*

Coordinator, Iván Pasarín [FEDECOM - Newsletter #5 - April 2024] for flexible and interoperable energy COMMunities

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Iván Pasarín  
FEDECOM Coordinator  
VEOLIA - GIROA

GIROA VEOLIA

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# PILOT SITES

## Pilot 1 - Spain (1/2)

Iván Pasarín, VEOLIA – GIROA



## Pilot 1 - Spain (2/2)

Carlos Fúnez Guerra, IBERDROLA



## Pilot 2 - Switzerland

Federico Giani, AEM



## Pilot 3 - Belgium/Netherlands

Mihail Mihaylov, AUG.E



# WORK PACKAGES

WP1: Lorena Sanchez Relaño | FEDECOM - Newsletter #5 April 2024

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Lorena Sanchez  
FEDECOM WP1 Coordinator  
R2M Spain

R2M SOLUTION

WP1 – Project management and quality assurance

## WP1

Project management & quality assurance

*Lorena Sanchez Relaño, R2M SPAIN*

WP2: Ivan Mesonero | FEDECOM - Newsletter #5 April 2024

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Ivan Mesonero  
FEDECOM WP2 Coordinator  
FUNDACIÓN TEKNIKER

TEKNIKER

WP2 – Operational challenges, demo scenarios specification and project requirements

## WP2

Operational challenges, demo scenarios specification & project requirements

*Ivan Mesonero, FUNDACIÓN TEKNIKER*

WP3: Nicolas Ghuys | FEDECOM - Newsletter #5 April 2024

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Nicolas Ghuys  
FEDECOM WP3 Coordinator  
Université catholique de Louvain (UCL)

UCLouvain

WP3 – System planning toolbox and consolidated lifecycle assessment methodology

## WP3

System planning toolbox & consolidation lifecycle assessment methodology

*Nicolas Ghuys, UCL*

WP4: Vito Mario Fico | FEDECOM - Newsletter #5 April 2024

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Vito Mario Fico  
FEDECOM WP4 Coordinator  
Hive Power

HIVE POWER

WP4 – Integrative optimization and data analytics for multi-layered federated "System of Systems"

## WP4

Integrative optimization & data analytics for multi-layered "Systems of Systems"

*Vito Mario Fico, HIVE POWER*

WP5, Lazar Berbakov (FEDECOM - Newsletter #5 - April 2024) "Federated system of systems" approach for flexible and interoperable energy COMMunities

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Lazar BERBAKOV  
FEDECOM WP5 Coordinator  
Institut Mihajlo Pupin

WP5 – FEDECOM platform integration, multi-stakeholder interoperability and data security

## WP5

FEDECOM platform integration, multi-stakeholder interoperability & data security

*Lazar Berbakov, INSTITUT MIHAJLO PUPIN*

WP6, Mihail Mihaylov (FEDECOM - Newsletter #5 - April 2024) "Federated system of systems" approach for flexible and interoperable energy COMMunities

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Mihail Mihaylov  
FEDECOM WP6 Coordinator  
Aug.e

WP6 – Blockchain-based local marketplace coupling for energy and flexibility trading

## WP6

Blockchain-based local marketplace coupling for energy & flexible trading

*Mihail Mihaylov, AUG.E*

WP7, Iván Pasarín (FEDECOM - Newsletter #5 - April 2024) "Federated system of systems" approach for flexible and interoperable energy COMMunities

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Iván Pasarín  
FEDECOM WP7 Coordinator  
VEOLIA - GIROA

WP7 – Pilot deployment, validation analysis and social considerations

## WP7

Pilot deployment, validation analysis & social considerations

*Iván Pasarín, VEOLIA – GIROA*

WP8, Zia Lennard (FEDECOM - Newsletter #5 - April 2024) "Federated system of systems" approach for flexible and interoperable energy COMMunities

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Zia Lennard  
FEDECOM WP8 Coordinator  
R2M France


WP8 – Dissemination, communication and exploitation with business framework definition

## WP8

Dissemination, communication & exploitation with business framework definition

*Zia Lennard, R2M FRANCE*

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**FEDECOM - FEDERated "system of systems"...**

ENERGIES 2050

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With approximately 45% of renewable energy production in the EU expected to come from citizen-led initiatives by 2050, energy communities are emerging as a promising way for citizens to collectively own and manage. by themselves or in

### FEDECOM - FEDERated "system of s...

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- Project presentation, Stéphane POUFFARY [FEDECOM - ...] 2:38
- Coordinator, Iván Pasarín [FEDECOM - Newsletter #5 - ...] 2:28
- WP7, Iván Pasarín [FEDECOM - Newsletter #5 - April 2024] 3:22
- Pilot 1 Spain, Iván Pasarín [FEDECOM - Newsletter #5 - ...] 3:48
- Pilot 1 Spain, Carlos Fúnez Guerra [FEDECOM - ...] 5:09
- Pilot 2 Switzerland, Federico Giani [FEDECOM - Newslette...] 7:43



For more information and to explore cooperations with FEDECOM, do not hesitate to contact us

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