



# How did ResoLVd emerge?



Welcome  
to  
e-Demo day

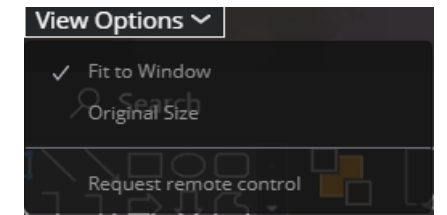
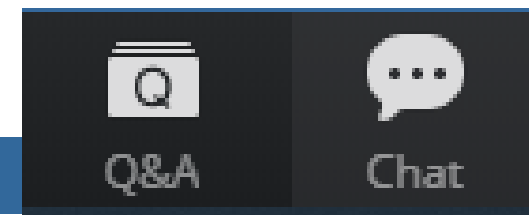
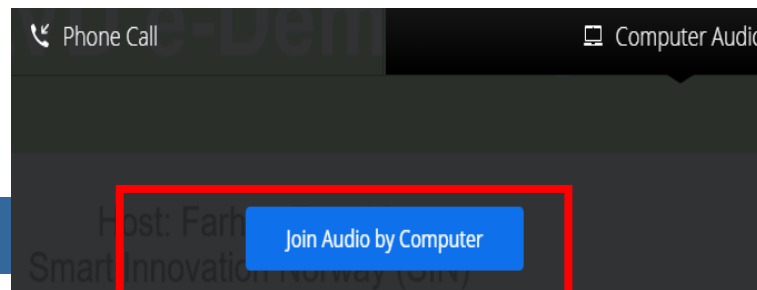
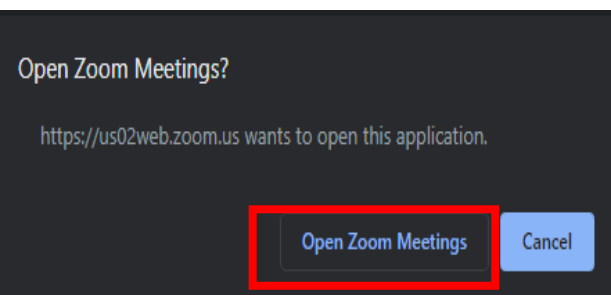
Starting at 11:55 (CEST)

1. Download & Use Zoom  
App

2. Join computer Audio

3. Use Q&A for questions  
during presentation and  
CHAT for technical  
problems

4. If trouble seeing  
the whole screen use  
FIT TO WINDOW



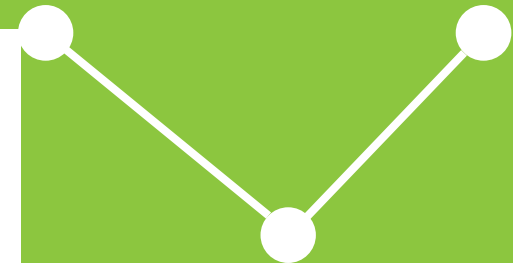


Renewable penetration levered by Efficient Low  
Voltage Distribution grids



# RESOLVD e-Demo day

Host: Farhan Farrukh  
Smart Innovation Norway (SIN)



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# Introduction

## Mr. Farhan Farrukh

*Researcher for Smart Energy Technologies at Smart innovation Norway*

Having past experience of working in Power system design and planning of distribution networks.

*Academic qualification:* Master of Science in Energy Engineering and another Master of Science in Smart Grids and Buildings.



Contact: [Farhan.Farrukh@smartinnovationnorway.com](mailto:Farhan.Farrukh@smartinnovationnorway.com)  
[LinkedIn](#)

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Session 1		
11:45	15	Registration/logging in to system
12:00	10	<a href="#">Welcome &amp; Introduction</a> Heidi Tuiskula, Innovation manager – ResoLVd from Smart Innovation Norway (SIN)
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14:10	5	End of Workshop Heidi Tuiskula, Innovation manager - ResoLVd from Smart Innovation Norway (SIN)

# Expert Panelist

## Mr. Santi Martínez Farrero

*Senior Researcher in Smart innovation Norway, and  
CEO at KMO Energy*

General Manager in a Catalan local utility for almost 10 years, devoted to the digitalization and implementation of the Smart Grid. Currently, managing the KMO Energy company, involved in the evolution of the flexibility and local markets of electricity.

*Academic qualification:* Ph. D in Political Science, Master of Science in Knowledge Society, and University Degrees in Business Administration and in Marketing.



# Expert Panelist

## Montse Mussons Olivella

*Energy and Markets Innovation Project Manager,  
Km0 Energy*

Experience in business innovation and strategy for technology companies, startups, utilities and energy services companies.

*Academic qualification:* Economist and Masters in Energy Policy.



Contact: [Montse.Mussons@km0.energy](mailto:Montse.Mussons@km0.energy)  
[LinkedIn](#)



# Smart Innovation Norway (Halden, Norway)

## Heidi Tuiskula

*Deputy Head Research & Innovation @ SIN*

*Innovation Manager @ RESOLVD*

Renewable energy professional, interested in bridging the gap between research and real life, both from business and end-user engagement point of view.

Academic qualification: MSc in Electrical Engineering from Tampere University of Technology, Finland and PgDip in Hydrogen Safety Engineering from University of Ulster, Northern Ireland.



Contact: [Heidi.Tuiskula@smartinnovationnorway.com](mailto:Heidi.Tuiskula@smartinnovationnorway.com)  
<https://www.linkedin.com/in/heidituiskula/>

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## **Dr. Eng. Francisco Díaz-González**

*Lecturer at the Universitat Politècnica de Catalunya*

*Research Group CITCEA-UPC*

Working as a lecturer and researcher on projects related to energy storage technologies and renewable-based generating systems. His research activity is in the Centre d'Innovació Tecnològica en Convertidors Estàtics i Accionaments (CITCEA-UPC).

He is the author of 1 book on energy storage for power systems, more than 20 articles in peer-reviewed journals and 1 patent



Contact: [francisco.diaz-gonzalez@upc.edu](mailto:francisco.diaz-gonzalez@upc.edu)

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# COMSENSUS (Ljubljana, Solvenia)

## Mr. Miha Smolnikar

*Co-founder and CEO of Comsensus*

ComSensus is a high tech start-up company founded in 2011 focused on the development of highly customized products and solutions for remote monitoring and control.

. ComSensus will lead WP1 in which all participating partners will specify the elements constituting the proposed solution, their integration and interactions. The main contribution of ComSensus is in WP3 where it will develop and implement a prototype of Phasor Measurement Units with custom signal processing to support grid fault detection and self-healing control.



Contact: [miha.smolnikar@comsensus.eu](mailto:miha.smolnikar@comsensus.eu)

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## Dr. Joaquim Meléndez

*Telecom Engineer and PhD on Industrial Engineering*

*Project coordinator of the RESOLVD project*

Academic and researcher of the Electric, Electronic and Automation Engineering Department at the Universitat de Girona.

Head of the **eXiT** research group and Director of the Girona SmartCity Chair.

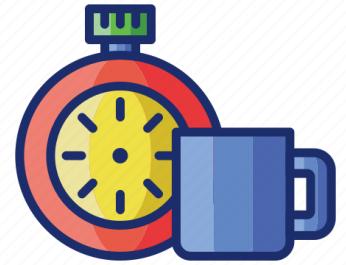
Research interests in machine learning for process supervision and artificial intelligence methods for decision support and optimization of energy systems.



Contact: [joaquim.melendez@udg.edu](mailto:joaquim.melendez@udg.edu)



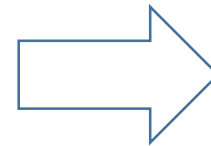
What is ResoLVd project all about?



**Break**  
10 minutes

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## Mr. Heribert Vallant

*Key Researcher at the competence group for Cyber Security and Defense at JOANNEUM RESEARCH.*

In the energy sector, he is currently working on the H2020 projects STORY and RESOLVD, as well as in the Austrian-funded flagship project IoT4CPS where he serves as leader of the work package “Verification and Analysis”



[www.joanneum.at/digital](http://www.joanneum.at/digital)

Contact: [heribert.vallant@joanneum.at](mailto:heribert.vallant@joanneum.at)

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# Intracom Telecom (Athens, Greece)

## Mr. Isidoros Kokos

*Senior R&D Engineer at  
Intracom Telecom*

R&D staff of Intracom Telecom since 2015; engaged in research and innovation projects under the umbrella of Smart Grids; leading technical analysis, design and implementation activities of software solutions in the domain.

Academic qualification: Diploma in Electrical and Computer Engineering (2008) & MSC in Energy Production & Management(2010) from NTUA, Athens



Contact: [isik@intracom-telecom.com](mailto:isik@intracom-telecom.com)  
[LinkedIn](#)

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# Estabanell y Pahisa Energia (Granollers, Spain)

## Mr. Ramon Gallart

*Head of Innovation at Estabanell y Pahisa Energia*

Previously working in electrical sector as a head of network system designing architectures for smart grids.

*Academic qualification*

Telecommunication engineer and Master in management.



Thank you for attending

# RES@LV D

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## e-Demo Day

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