

19 Ericsson R&D Italy Demos

3 Other Ericsson Garage Demos

1 MELA "Learning" info point



Area	Title	#
Sustainability	Resource optimization in Telco RAN	1
	Resource optimization in Enterprise	2
	Cooling propellers for noiseless operation	3
	Heat dissipation in additive manufacturing era	4
Connectivity	AI assistant for automatic Network configuration	5
	AI Machine Learning for automatic Network configuration	6
	AI assistant for automatic Network configuration (AI TeleGuard)	7
	AI assistant for automatic Enterprise configuration	8
	Resume Network coverage in critical mission and natural disaster	9
	AI robot for demo assistance	10
	AI Info Point	11
Network and Public Security	AI to avoid security rules infringements	12
	AI to protect network violation	13
	Let's hack it!	14
	Network application to alert presence of identified stalker	15
	Identity with AI the fraud Voice distortion	16
Advanced Technology	Quantum for network security	17
	Co-Packaged Optics (CPO)	18
	Self-cleaning connectors	19
Ex. Demos	International Innovation Garages community	20

## Innovation Day 2024 Info Point AI assistant

Inspired by ChatOPM application for Customer Support for Regulatory Solution products

### DEMO TOUR PROPOSAL FOR YOU:

4Heat dissipation in additive manufacturing era  
 1Resource optimization in Telco RAN  
 3Cooling propellers for noiseless operation  
 2Resource optimization in Enterprise

# CONVERSATION TRANSCRIPT

User: Hi, can you list all demo related to sustainability?

Assistant: We're excited to share our innovative demos related to sustainability. Here are a few highlights:

- Resource optimization in Enterprise: This demo showcases a centralized licensing system for active management of industrial resources, leveraging data collection and AI/ML techniques to enable data-driven decisions aimed at energy saving, resource preemption, optimization, and predictive maintenance.
- Resource optimization in Telco RAN: This demo presents a Path Calculation Engine (PCE) designed to optimize energy consumption in various network scenarios, aiming to enhance overall efficiency in network routing.
- Cooling propellers for noiseless operation: This demo explores a propeller shape inspired by nature, aimed at both cooling the box equipment and reducing noise, ensuring quieter operation and making it more suitable for diverse deployment scenarios.
- Heat dissipation in additive manufacturing era: This demo reveals an innovative method for designing heat sinks that optimizes space and heat exchange using 3D printing technology, creating complex, custom shapes that are far more effective than those currently possible with traditional methods.

We also have some fascinating demos related to security that you might be interested in learning more about, such as the one on AI to avoid security rules infringements or the one on AI to protect network violations.

Faithfulness is 1.0 [0.0 - 1.0]

User: many thanks

Assistant: It was my pleasure to help. I wish you a great time enjoying the Innovation Day event

Faithfulness is 0.0 [0.0 - 1.0]