



CLUSTER  
**DOROTHY**  
URBAN LOGISTICS

# DOROTHY - Urban Logistic Cluster Craiova, Romania



# Urban Logistic Cluster Craiova



- The Cluster Urban Logistic is an NGO, created in February 2014, having as activity the management of the Cluster's activities together with ARoTT.
- The **core competences** of the Cluster are as follows:
- **Production of solutions/equipments/services/systems** in the field of UL, including electronics, software
- **Education, training** in the field of production management, project and process management, innovation, quality assurance, urban logistics solutions;
- **Project development** for implantation of cost effective solutions to enhance the competitiveness of enterprises;
- Professional **consulting** / internationalization of the business.



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Principiul de functionare - Senzori:

Senzorul de viteza este de tip radar microwave care are la baza efectul Doppler. Facand exceptie de la viteza, echipamentul de trafic Bd02, de asemenea, detecteaza si sensul de mers al vehiculelor.

Indicatorul rutier pe LED, se va aprinde in mod automat in momentul apropierii vehiculelor de zona de actiune. Ca o alternativa suplimentara fata de senzorul de tip radar, se pot monta bucle inductive in asfalt.



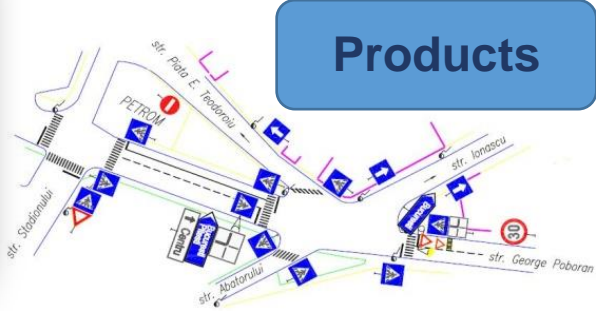
**POWER CONVERTERS FOR INDUSTRY**



- induction heating converters
- frequency converters
- battery chargers
- dc choppers
- soft starters
- equipments on demand



**AIR CONDITION EQUIPMENTS FOR ELECTRIC VEHICLES**



**Products**

**POWER ELECTRONIC DEVICES FOR ELECTRIC VEHICLES**



# Members

OLTENIA REGION			Members
URBAN LOGISTICS CLUSTER			
1	Business	Operators	1
		ICT Companies	14
		Consulting + Agencies	1
2	R&D   Universities		3
3	Public Entities	national   regional   local	2
4	Community   NGOs		4
<b>TOTAL</b>			<b>25</b>



# Involvement into the projects

- EU Beyond traffic jams: intelligent, integrated transport solutions for road infrastructure, Municipality of Craiova, IPA and the Cluster, Italian partner.
- **Pol of competitivness** – Automotive - a programme to corelate the curricula from Universities and vocational schools with the neccesities from industry and a maintenance tool.
- **INTERREG** – Danube Transnational Programme. IPA
- **Erasmus +** - Business Transformation towards digitalization and smart systems, IPA and Spain partner
- **Erasmus +** - Re-Innovate, IPA
- **Operational Programme Knowledge Education Development** - A network of open innovation, IPA wih Polish partner
- **INTERREG** - Cross-border Programme Romania - Bulgaria
- **Strategic Project** – Development of the capacity of knowledge transfer and research results to businees environment – models.
- **PODCA Programme** - Employee's inventions; Manual of best practices



In January 12<sup>th</sup>, 2016, as result of the benchmarked performed by the “European Secretariat for Cluster Analysis” of VDI / VDE Innovation GmbH Germany, the UL Cluster Oltenia, obtained the “Bronze Lebel” for Cluster Management Excellence.



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# Good projects create partnerships Dorothy create competitiveness







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