ININT - GERMANY

Industry 4.0 mission 2016 to NRW
9th to 11th May 2016

Teresa Puerta
18th January 2016
Barcelona

Industry 4.0 mission 2016

- ➢ **09th-11th May 2016**
- ➢ **NRW, Germany**
- ➢ **Visit to Fraunhofers leader in the implementation of industry 4.0 solutions**
- ➢ **Visit to the SmartFactory OWL**
- ➢ **Visit to 3/4 companies**
- ➢ **Meetings with policy makers and cluster managers**
- ➢ **Networking with German and Catalan key players**

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Visit to Fraunhofers leader in the implementation of industry 4.0 solutions

➢ Fraunhofer IOSB, Lemgo
➢ Fraunhofer IPT, Paderborn

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✓ Understanding the strategic, organization, cooperation and financing model of the *Fraunhofer network*.
✓ Best practices and industry 4.0 projects examples
✓ Cooperation potential with Catalonia

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Visit to the Smart Factory OWL

- ✓ Research on intelligent automation solutions
- ✓ Demonstration and testing of industry 4.0 modules
- ✓ Awareness raising for applications potential

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Visit to 3/4 companies

1. **Beckhoff**: *tecnologia d'automatitzacio*
2. **Mori Seiki**: *processament intel·ligent de grans components amb grans toleràncies i robots de soldadura amb autoaprenentatge*
3. **Miele**: *electrodomèstics intel·ligents per a xarxes intel·ligents*
4. **Phoenix**: *amb maquines intelligents producció flexible*
5. **Claas**: *Recol·lectores de maquinària agrícola connectades, equips de recol·lecció autopropulsat*
6. **Delta Energy Systems**: *càrrega d'energia intel·ligent i conducció més llarga*
7. **Hella**: *major autonomia als vehicles elèctrics i major seguretat viària a través de il·luminació innovadora (als cotxes)*
8. **GEA Westfàlia Separator:** *separador intel·ligent per processament d'aliments*
9. **Ford:** *fàbrica intelligent de Colonia*

Networking session

- ✓ Dinners
- ✓ Come together and B2B with German companies

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For whom?

- Catalan institutes and research centers
- Catalan enterprises: unsers AND technology providers
- Clusters and associations

<u>Bernefits:</u>
- Benchmark
- Identification of future trends and needs

- Contacts with potential partners, Technology Dating

Agenda, 9th May

- ✓ Arrival. Direct Flight Barcelona-Düsseldorf

- ✓ Transfer to Paderborn

- ✓ Fraunhofer IPD and Cluster its-owl

  1. Introduction and presentation round

  2. Lunch

  3. Success cases, implementation cases

  4. international cooperation frame

  5. Round table

- ✓ Visit to Company 1

- ✓ Networking dinner

Cluster members will be invited to participate in the networking session

Agenda, 10th May

- ✓ Visit to Company 2
- ✓ Visit to Company 3
- ✓ Lunch
- ✓ Visit Fraunhofer IOSB and the Smart Factory owl
- ✓ Dinner

Transfers to the different locations needed

Agenda, 11th May

✓ Transfer and visit to Company 4

✓ Lunch

✓ Technology Dating / B2B

✓ Transfer to the airport in Düsseldorf and direct flight to Barcelona

1.	Beckhoff,	7.	Hella,
2.	Mori Seiki,	8.	GEA Westfalia Separator,
3.	Miele		
4.	Nixdorf		
5.	Claas	9.	Ford
6.	Phoenix		

Other

- ❖ Participation fee
- ❖ "bossa de viatge"
- ❖ Limited places (15)
- ❖ Online inscription with profile

German stakeholders

- http://lni40.de/en/: the Labs Network Industrie 4.0, a dialog, competence, and experimentation platform for German companies on the threshold of the Industrie 4.0. Companies can encounter and test technologies, innovations, and business models in the area of Industrie 4.0, and evaluate their technical and economic feasibility prior to their market launch. All of this in a pre-competitive environment and with minimal financial and technical risks.

- http://www.plattform-i40.de/: (in German) information about German competences and success cases.

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Interested?

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Gràcies! Danke!