

The rationale for Photonics Roadmaps in Europe

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Europe & Photonics

- Photonics is a European strength
- Photonics = next industrial revolution ?
- BUT: fragmentation (?!), national programs (?!), telecom bubble...

=> Structuring @ EU level:

- ICT Unit G5 “Photonics”
- ETP: PHOTONICS 21
- Other actions (e.g. OPERA 2015, excellence clusters...)



The right Roadmap ?



Zeit	km	Anweisung
11:24		Abfahrt von Steenstraat
11:24	0,06	Links abbiegen auf Zuidstraat, Straßenverlauf folgen für 0,13 km
11:24	0,19	Links abbiegen auf Lombardstraat, Straßenverlauf folgen für 0,27 km
11:25	0,46	Weiter auf Gasthuisstraat, Straßenverlauf folgen für 0,02 km
11:25	0,48	Weiter auf Gasthuisstraat, Straßenverlauf folgen für 0,42 km

Roadmap identifies challenges & sets priorities



Significance of Roadmaps ... Policy Makers

European Commission

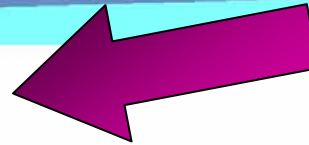
- get overview on Photonics issues
- get background information (e.g. state-of-the-art, fashionable topics, actors, ...)
- support strategic planning (e.g. policies, support measures, Calls for proposals, ...)



Significance of Roadmaps ... Constituencies

Photonics Community

- identify & promote R&D priorities
- make recommendations
- promote knowledge transfer
- support community building
- structure the Photonics Community
- trigger ‘regional’ initiatives



=> Supported & encouraged by EC !



MONA Roadmap – next steps

- Participate in public consultation by MONA
- Get active in PHOTONICS 21 WGs !
- Feed discussions on WP'2009-2010 (→ Dec. 2007!)
- Transfer knowledge to applications, products ...



Where to find more ...

- **MONA Roadmaps**

<http://www.ist-mona.org/roadmaps/default.asp>

- **European Commission – Photonics Unit**

http://cordis.europa.eu/fp7/ict/photonics/home_en.html

- **PHOTONICS 21 'ETP**

http://cordis.europa.eu/fp7/ict/photonics/home_en.html

- **OPERA 2015**

<http://www.opera2015.org/home.asp>

If you have not found what you were looking for ...

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