

**Photonics21 Meeting
Brussels, 15 January 2010**

**Photonics21 Mirror Group Activity Report:
Coordinating EU and National R&D
Programmes**

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Photonics21 Mirror Group: Activity Report 2009/10

- 1. P21 Mirror Group background and objectives**
- 2. Mirror Group Activities**
- 3. Photonics ERANET-Plus Action: PIANO+**

1. Objectives of Photonics21 Mirror Group

- Support the implementation of the Photonics21 strategic research agenda
- Exchange best practice and promote photonics in national research programmes
- Create better alignment and co-operation between European and national R&D programmes
ie produce a “joined-up” strategy

Photonics 21 Mirror Group

Participants:

- Representatives from government ministries and funding bodies from Austria, Belgium, Czech, France, Germany, Hungary, Ireland, Israel, Italy, Latvia, Netherlands, Norway, Poland, Spain, Sweden, UK

2. Photonics 21 Mirror Group Activities 2009/10

Meetings 2009/10:

- 26 June 09
- 15 January 10
- And ERANET-plus/PIANO+ work sessions 20
Jan, 26 Feb, 28 Aug, 22 Sep, 12 Oct, 22 Oct

Photonics 21 Mirror Group Activities 2009/10

Topic areas:

- Updates and coordination of national activities
- Input to Work Programme 2011-12
- Development of ERANET-Plus Action as a focus for cooperation
- Organic Electronics
- Public procurement mechanisms

Photonics ERANET-Plus: a focus for effective co-operation

- Common pot for European projects in a focussed area
- 2/3 from national funding, 1/3 from EC
- Single call for proposals
- Can be more industrially focussed than a standard FP7 call
- Minimum of 2 participating countries per project

3. Photonics ERANET-Plus: PIANO+

Photonics-based Internet Access Networks Of the future

Call topic

- Photonic technologies and system architectures for radical, cost-effective enhancement of the Access Network

Rationale

- Projected need for 1 Gb/s or more to the subscriber within 10 years
- High speed internet access vital to future competitiveness
- EU strengths in components, systems and services
- Focussed collaborative initiative will help EU take advantage of developing market opportunity

PIANO+

Focus

- Components, sub-systems, systems and architectures to enable the next generation of access networks at 1 Gb/s and beyond. Includes transceivers, amplifiers, switching/ routing components and manufacturing technology

Participating Countries

- Germany, UK, Israel, Poland, Austria

Funding

- €22.3m

(€14.9m from Member States + €7.4m Commission top-up)

PIANO+ Timescale

PIANO+ Competition Announcement	Jan 2010
Competition Opens	Mar 2010
Outline proposal deadline	Apr 2010
Full proposal deadline	Jun 2010
Decisions and feedback to applicants	Nov 2010
Negotiations and start of R&D contracts	Dec '10 on

For more information.....

WG1 (Information & Communication) workgroup
session at 1pm

Thank you!

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