

ERA-NET Plus in Biophotonics

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Biophotonics Cluster meeting, 5th November 2010



Overview

- **The Challenges for Photonics**
- **Bridging national and EU research.**
- **How does an ERA-NET Plus work.**
- **PIANO+**



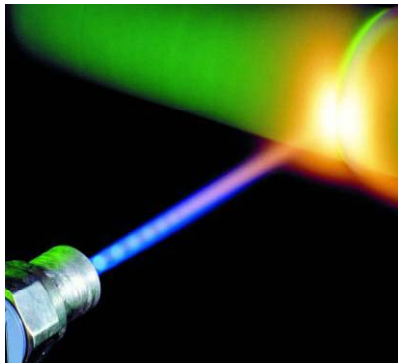
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European Commission
Directorate-General for Research and Innovation

Challenges for Photonics

- Light drives innovation in many applications but is often not visible or recognized.



- Fragmentation of community and research.
- Get recognition and increased and more effective investment in research.



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Link between European and National level

- Need increased and more effective investment in photonics research.
- Must use all sources of funding available.
 - EU research programme
 - National research funding
 - Structural funds
 - European Investment bank etc



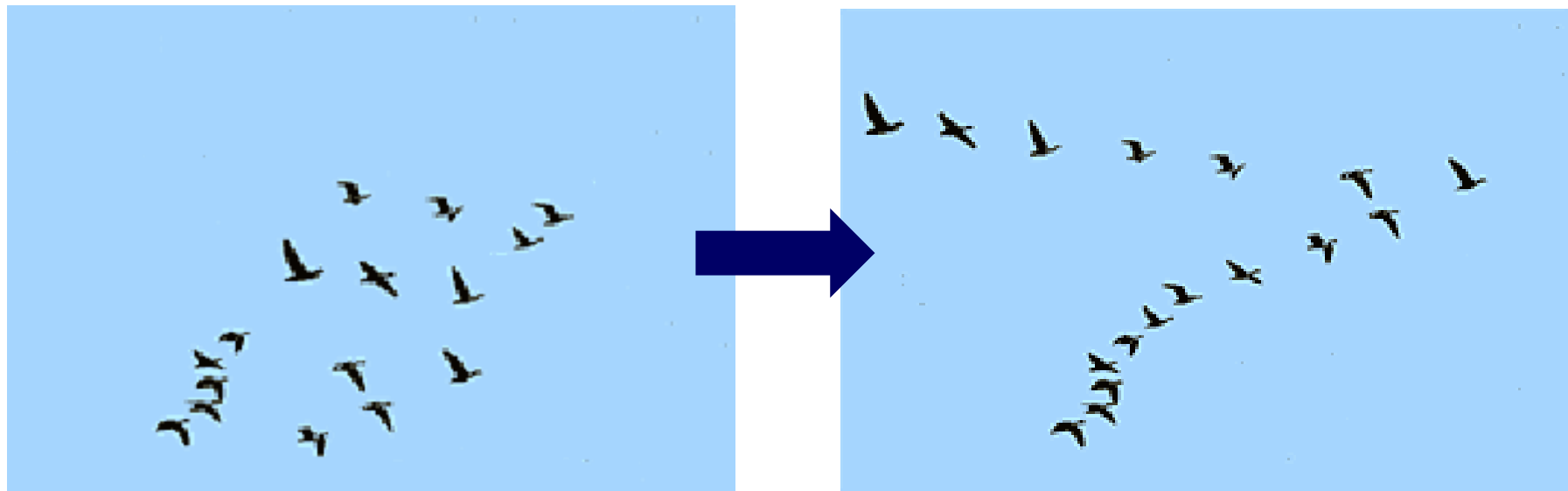
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Link between European and National level

Must use these sources of funding effectively!

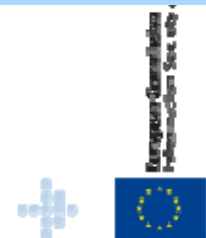
Nature shows us the way: Birds coordinating their efforts



71 % gain of efficiency



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ERA-NET Plus

ERA-NET Plus

- Creates a common pot of money to fund research
- 2/3 from participating States, 1/3 from EU
- Minimum of 5 States must participate.
- Results in a single call for proposals (similar to normal EU call)
- Topic PIANO+ is Next Generation Broadband



ERA-NET Plus

ERA-NET Plus



Targeted Results

- Coordinate by working together.
- Pool EU and national resources on strategic topics.
- Encourage dedication of national funding for photonics
- If successful, could be a essential step towards future joined funding activities.



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ERA-NET Plus – What does it mean for you?

- Single call of €30 million on focussed topic of strategic importance
- National rules apply – eligibility and reimbursement of costs
- More flexible than usual EU project – trans-national (minimum 2 countries)
- Two stage evaluation



PIANO+

- Countries involved – Germany, UK, Austria, Israel, Poland.
- Selection proposals complete.
- Projects starting January- March 2012
- Funding €18.5, 13 projects.
- Two stage evaluation.
- High success rate.



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European Commission
Innovation and Networks Unit

Photonics21 Mirror Group

- Chaired by European Commission
- 15 Member States represented by those responsible for funding photonics nationally
- Meet regularly to discuss photonics, promoting and coordinating.
- ERA-NET Plus is an initiative from the Mirror Group, being pioneered in photonics



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European Commission
Photonics21

Overview ERA-NET+ Biophotonics

- ERA-NET+ in Call 8, close 17 Jan 2012
- ERA-NET+ Call for trans-national proposals in Biophotonics, end 2012
- Which countries will participate?
- What is the total funding?
- What is the funding from your country?
- What is the focus and scope of the EN+ call?



Further information

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