

DIGINOVA

Innovation for Digital Fabrication



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Inspire Improve Impact

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Project Acronym:

DIGINOVA

Innovation for Digital Fabrication



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Work Programme: FP7 Cooperation NMP 2011
(Draft Programme)

Topic: NMP.2011.2.3-3; Networking of materials
laboratories and innovation actors in various industrial
sectors for product or process innovation.

Funding Scheme: ***Coordination and Support Action***

Publication: end July 2010

Deadline: February 1st 2011

Project Rationale:

Digital Fabrication constitutes one of the **key innovation areas** for Europe in the near future. An integrated approach to Digital Fabrication will allow for a **rapid and significant progress in strategic areas** such as:

- *Industrial printing*
- *Graphic arts industry*
- *Printed electronics*
- *High tech textiles*
- *Biomedical and healthcare*
- *Rapid prototyping and manufacturing*
- *Security*

A whole **new industry** is starting to be created around Digital Fabrication able to provide **answers to the Global Challenges** that will affect Europe in the coming decades as well as **integrating sustainability** for products and processes as a fundamental pillar.



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Need:

There is an **urgent need** to establish **interdisciplinary collaborations** between many and varied stakeholders across whole **Digital Fabrication innovation value chain** addressing the technological and non-technological challenges that lie ahead **in order to:**

- ✓ Define
- ✓ Optimize &
- ✓ Establish

comprehensive **innovation methodologies** that allow **closing the loop from the lab to the market.**



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General objective:

Establish a clear and optimized methodology for successful innovation in the area of Digital Fabrication closing the loop from lab to market.

Pursued impact:

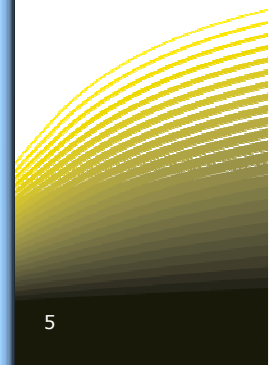
Streamline the technology development and transfer process enhancing, ensuring and promoting the full participation of all the necessary innovating actors across the whole value chain.

DIGINOVA will consider a holistic approach addressing:

- ✓Materials and processes
- ✓Process and Product life cycle
- ✓Intellectual property
- ✓Metrology and standardization
- ✓Health aspects and regulations
- ✓Non technological market barriers (i.e. economic, societal)
- ✓Connection and leverage with existing EU initiatives and roadmaps (i.e. FoF)



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Partners sought:

- ✓ **Industrial sector organizations** with strategic connections and interests in the area of Digital Fabrication.
- ✓ **Industrial players** (large corporations, SMEs, industrial entrepreneurs) considered as **high innovators** in the field of Digital Fabrication.
- ✓ **Academic Institutions and Research Centers** with strong interests and activities in the field of Digital Fabrication.
- ✓ **Relevant organizations** and bodies playing a role different from technological in the innovation value chain for Digital fabrication (i.e. **Standardization bodies, IP advisors, Innovation analysts, etc.**).



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For more information

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