# Key enabling technologies New impulses for competitiveness and innovation?

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# **The KETs Initiative**



# **The KETs Communication**

- Despite good R&D capacities in KETs, the EU is less successful in capitalising on these results.
- A more **strategic approach is required** to deploy these technologies in the EU.



## Importance of KETs on the EU policy agenda

**Europe 2020 and its flagship initiatives** 



# Selecting Europe's Key Enabling Technologies



## Five Key Enabling Technologies + 1





# **Performance Indicators to select KETs**



Based on this assessment, five key enabling technologies +1 were selected



# **KETs and Innovation**



# **Key Enabling Technologies**

The basis for product solutions to address societal challenges



#### **Promoting the industrial deployment of KETs** *From invention to the market: the innovation value chain*



# **The High-Level Expert Group on KETs**



# **High Level Expert Group on KETs**

27 High Level Group members + Sherpa Group + Technology-specific Working Groups

#### **Mission of the KETs HLG**

- To assess the competitive situation of the relevant technologies in the EU with a particular focus on **industrial deployment** and their contribution to address **major societal challenges**;
- To analyse in depth the available public and private R&D capacities for KETs in the EU;
- 3. To propose **specific policy recommendations** for a more effective industrial deployment of KETs in the EU.











# Focusing on policies for an effective industrial deployment of KETs

	Policy framework conditions	lano- echnology		<b>Nicro and</b> Nanoelectronics		Advanced naterials		3iotechnology		hotonics	Advanced Manu- acturing Systems
	Publicly supported innovation programmes										
	Technology transfer and supply chains										
	Lead Market initiative										
	Deployment of KETs and Climate change										
	Joint strategic programming										
	State aid policies										
	Public procurement						1. H				
	IPR and Industrial property										
Policy	Promising pilot and demonstration projects										
Areas	Demonstration projects										
	Financing instruments										
	Financing and Venture capital										
	Skills, higher education and training										
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	Co-operation outside EU										
	Enhanced international cooperation										
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### What's next



# State of play: KETs Open Days & mid-term document





## Contact

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## **HLG** website:

http://ec.europa.eu/enterprise/hlg\_kets.htm

