Thematic Areas of 2+2 Calls: Past and Upcoming

No.	Call	Thematic Areas
1	2009	• Biotechnology • Energy • Environmental technologies • Health research • Production technologies
2	2011	• Material sciences and nanotechnology • Energy (reliability of energy supply and energy grid efficiency) • Information and communication technologies (safety, mobility and logistics)
3	2012	• Advanced manufacturing (advanced materials, design engineering, rapid prototyping, sensors for manufacturing, nanotechnology) • Environmental technologies (water, climate/resources, sustainable land management)
4	2014	• Medical technology including diagnostic tools
5	2015	• New materials for energy efficiency (subtopics: nano-structures for energy application in buildings, transport and electrochemical energy storage: batteries and super capacitors) • Water and wastewater technologies (subtopics: sensor technologies for water - e.g. water borne pathogens and heavy metals)
6	2016	Overall thematic area "Smart Cities" with the subtopics: • Integrated water management and sanitation system for urban settings • Energy efficiency in built environment • Technologies for the utilization of waste (waste to wealth generation technologies)
7	2017	Advanced manufacturing and new materials • Industry 4.0 (new human-machine interaction processes / digital and cloud manufacturing) • Machine building (low cost sub-systems / components for improved precision, reliability, productivity) • Process technologies for new materials including nanomaterials • Light weight design and processes
8	2018*	Sustainable production / clean and green technologies (*tentative) • Sustainable chemical process technologies • Technologies to reduce/mitigate water and air pollution • Waste management technologies (electronics, electrical, biomedical, industrial and urban solid waste)