Member State	Programme	Objective	Focus	Priorities	Method	Funding	Source
Austria	Produktion der Zukunft (Production of the Future)	Increase innovation in Austrian production sector Increase the efficiency of the current R&D expenditure Improve cooperation and networks at European and international level Improve competitiveness of Austrian industry	Technological and process innovation	Efficient production processes and systems; flexible manufacturing processes; value networks; methods and tools for planning, simulation and data-management; additive manufacturing; material science; bio-based industries; Nano-technologies	RTD projects for cooperative applied research and development; Endowed professorships; Pilot factories; Open stakeholder platform; Competence centres; Basic programme –bottom-up; Bridge (Transfer programme)	Up to 125 Mn€ per year; Up to 280 Mn€ by the end of 2015 (unclear proportion for digitasing industry)	http://www.ffg.at /produktion
Belgium	MADE DIFFERENT – Factories of the future	Increasing overall competitiveness of the manufacturing industry	Process innovation	World-class production technologies; End-to-End Engineering; Simultaneous product and production development; Human-centred production; Networked factory; Eco-production; Smart production	Research programmes in public-private partnerships	8.4 Mn€ per year	http://www.madedifferent.be/
Denmark	Manufacturing Academy of Denmark (MADE)	Support the manufacturing industry in Denmark and maintain its position as a leader of innovation				183.5 Mn DKK 2014-2017	http://made.dk/
France	Programme des Investissements d'Avenir - Investments for the Future Programme	Competitiveness; Growth; Employment; SME's development; Innovation	Strategic initiatives which aim to boost French competitiveness by massively investing over the long-term in innovative projects which will eventually be a source of growth	Research; Higher education and vocational training; Industry and SMEs; Sustainable development; Digital technology; Biotechnology; Nuclear energy	The programmes takes the form of a series of calls for proposals designed to promote French excellence in fundamental research and industrial innovation, technology transfer, maturation, etc.	57 Md€	http://www.gouvernement.fr /investissements-d-avenir-cgi http://www.entreprises.gouv.fr /secteurs-professionnels /economie-numerique
France	Transition Numérique	The program "Transition Numérique" aims at making sensitive and at accompanying the very small businesses and SME in their appropriation of the new digital tools.	Use of the digital technology for SME (down to 50 employees)	Three objectives: (1) structuring and developement of skills of the network of " advisers in the digital technology " who are the direct contact of the business managers; (2) the constitution of a knowledge base for these advisers, to help them in their actions with	The program builds on the networks of public and semi-public counsellors which work daily with the SME: chambers of commerce and industry, tourist offices, approved centers of management.	0,2 Mn€ per year	www.transition-numerique.fr

				the business managers, in particular with SME : discovery and put work of the digital technology, on the tools which correspond to needs of SME (e-commerce, billing, marketing, ….); (3) a better visibility on the digital practices in small companies, in particular on the brakes in the adoption of the digital tools and on their new needs			
Germany	Mittelstand 4.0	Support to small and medium-sized enterprises (SMEs) in improving their capacity for innovation, both in relation to new goods and services and the optimisation of business processes, by implementing and developing new digital technologies.	Digitization, networking and introduction of industry 4.0 applications	Establish the term "German Mittelstand" even more firmly around the globe as a concept and quality mark for small and medium-sized enterprises from Germany; Present the "German Mittelstand" as a driving force for innovation and to spotlight the high number of 115,000 innovative firms and 34,000 companies engaged in research; Help small and mid-sized firms to recruit the skilled labour they need	Agency Cloud; Agency Trade; Agency Process (i.e. Cyber Physical Systems); Competence Centres and Competence Centre Hannover	The “German Mittelstand” finances most of its investment from its own equity (54%) and bank loans (29%).	http://www.mittelstand-digital.de/DE/Foerderinitiativen/mittelstand-4-0.html
Germany	Smart Service World	Innovative services for the digital economy	Integration of cross sectoral value networks; Cross usage of data between different areas of daily life	Combination of CPS; data and services; Platform development	Innovation projects	Up to 50 Mn€.	http://industrie4.0.gtai.de/INDUSTRIE40/Navigation/EN/Topics/smart-service-world.html
Germany	Autonomik for Industrie 4.0 -	Foster autonomous systems and highly	Logistics, engineering models (i.e. decision	Skills, migration, standards, security	19 R&I-projects, which aim to accelerate the	55 Mn€ 2014-2017	http://autonomik40.de

	Production, Products, Services in the Internet of the Future	flexible production infrastructures that enable disruptive products	making support schemes), working conditions (human-machine interaction, safety & security), service robotics		process of transfering R&D findings into development of marketable technologies esp. in Industry and Smart Home / Building, supported by accompanying research on cross-cutting issues, conferences, workshops and trade fair appearances.		
Italy	Cluster Fabbrica Intelligente CFI (Intelligent Factories Cluster)	To create and organize a long lasting Italian Manufacturing community able to propose research agendas generate research results and valorize research outcomes	Products, Processes, Manufacturing System, Manufacturing networks	Technologies and systems for personalized production; Strategies, methodologies and tools for sustainable production; Valorization of humans in Factories; High efficiency in production; Innovative manufacturing processes; Evolutive and adaptable manufacturing systems; Strategy and management for next generation manufacturing systems	Roadmapping, strategic research agendas; RTD projects for cooperative applied research and development; Innovation projects; Education projects	45 Mn€ (34 Mn€ public funding + 11 Mn€ private funding)	http://www.fabbricaintelligente.it/
Netherlands	Smart Industry	Dutch Industry fit for the Future	Acceleration of introduction of ICT in manufacturing and adaption of business value chains; Capitalising on existing knowledge	Accelerating use of ICT at SME; Leading fieldlabs in 2015, more to follow in 2016; Manufacturing Knowledge; Skills; ICT (security, big data, software)	Jointed program office (with Ministry Economic Affairs, FME (industrial association), TNO, Chamber of Commerce and ICT-Nederland) and per action line own teams and for fieldlab teams each running their own (regional) fieldlab program	Complex multi-project funding, mix of H2020 and regional EFRO (50-100 Mn€)	http://www.smartindustry.nl
Portugal	PRODUTECH – Production Technologies Cluster	Increase the Competitiveness of Manufacturing Industry by developing, demonstrating and promoting Advanced Manufacturing Technologies and Systems	Advanced Manufacturing Systems	New business models; Intelligent Production systems; Performance, Flexibility and Efficiency; Modelling and simulation; Operations Management and Logistics; Networked production systems; Advanced Technologies; Energy and	R&D and Innovation Projects (individual and cooperative); Dissemination and Demonstration Projects and Activities; Cooperation Actions; Internationalization Projects and Activities	Period 2009-2014: > Core Activities and Projects [Up to 20 Mn€] + > Complementary Projects [around 45 Mn€]; Period 2016-2020: > Core Activities and Projects [Up to 40 Mn€, to be confirmed] + > Complementary projects (tbc)	www.produtech.org

				environmental efficiency; Advanced tools for new products and systems development; Active and passive safety in production systems			
Sweden	Produktion 2030	In 2030 Sweden is the primary choice for sustainable production	Develop Leadership and Skills in sustainable production	Environmentally sustainable production; Flexible manufacturing processes; Virtual production development and simulation; Human-centred production systems; Product and production based services; Integrated product and production development	Research and innovation projects; Knowledge and technology transfer to SMEs	50 Mn€	http://www.produktion2030.se/
United Kingdom	High value Manufacturing Catapult	Drive growth of manufacturing within UK	Businesses in the field of high value manufacturing. i.e. a high level of R&D intensity, leading to significant growth. Customers include large multinationals to small spin-out companies and anything in between.	Working with UK and international organisations looking to establish or grow UK R&D capability or UK manufacturing. Industrial scale up of new technologies and processes	Invest equipment and skilled personnel in the HVMC's 7 Technology and Innovation centres around the UK which is then available on an open access basis for CR&D and industrial projects with companies of all sizes.	Core funding from InnovateUK 30Mn £ per/annum supplemented by project funding and funds secured from other sources	https://hvm.catapult.org.uk/
United Kingdom	Innovate UK	Support and connect innovative businesses in UK to accelerate sustainable economic growth.	UK businesses	Invest in research, development and innovation to make the UK the best place in the world to run an innovative business or service.	Wide range of funding programmes both single company and collaborative R&D projects, with both open and thematic calls. Innovate UK also manages a number of networks, including KTN (Knowledge Transfer Network) and the NCP and EEN networks within	2013/14 budget was 440 Mn£	https://www.gov.uk/government/organisations/innovate-uk

					the UK. It also funds Catapults, a series of physical centres with the facilities and expertise to enable businesses and researchers to collaboratively solve key problems and develop new products and services on a commercial scale.		
United Kingdom	EPSRC Manufacturing the Future theme	Invest in cutting-edge research and highly-skilled people that support the current manufacturing base in the UK providing opportunities for future development and growth.	UK academic community in partnership with business.	Priority research areas: Manufacturing Informatics, Frontier Manufacturing, Innovative Production Processes Sustainable Industrial Systems	A range of activities including: 16 Centres for Innovative Manufacturing, Calls in priority areas, investigator-led research, joint activities with Innovate UK and the HVM catapult, manufacturing and early career fellowships, 11 Centres for Doctoral Training and 5 Engineering Doctorate Centres.	80 Mn£ per annum invested in manufacturing research since 2010. Total portfolio value 387 Mn£ + 136 Mn£ leveraged from business.	https://www.epsrc.ac.uk/research/ourportfolio/themes/manufacturingthefuture/