

17/12/2014

Current status

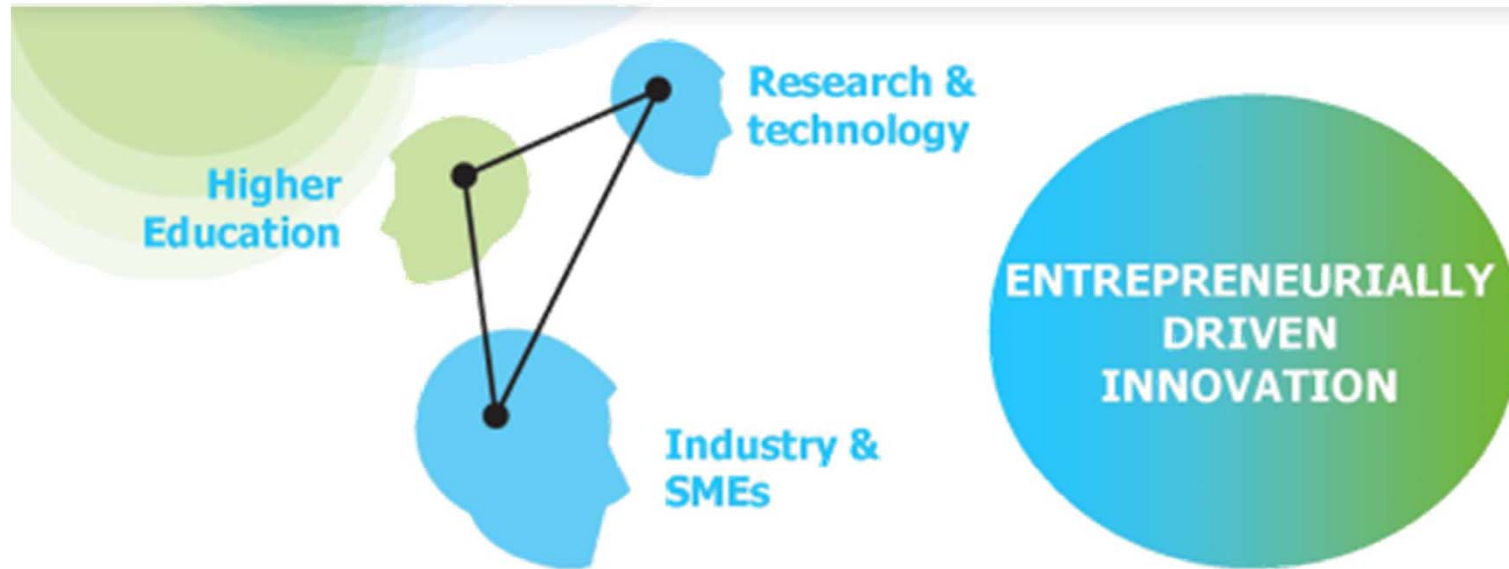
Knowledge Innovation Centre
»Added Value Manufacturing«

Outline

- Knowledge Innovation Centre
»Added Value Manufacturing«
 - Background, targets, vision, mission
- Organisation, activities
 - Activities, working groups, German consortium
- Future course of actions

The project covers the EIT Knowledge Triangle

THE EIT PROPOSITION FOR INNOVATION: INTEGRATING THE KNOWLEDGE TRIANGLE



Partners and people within the knowledge triangle are at the core of the **innovation web** beyond the traditional R&D consortia

Main Targets for KIC AVM

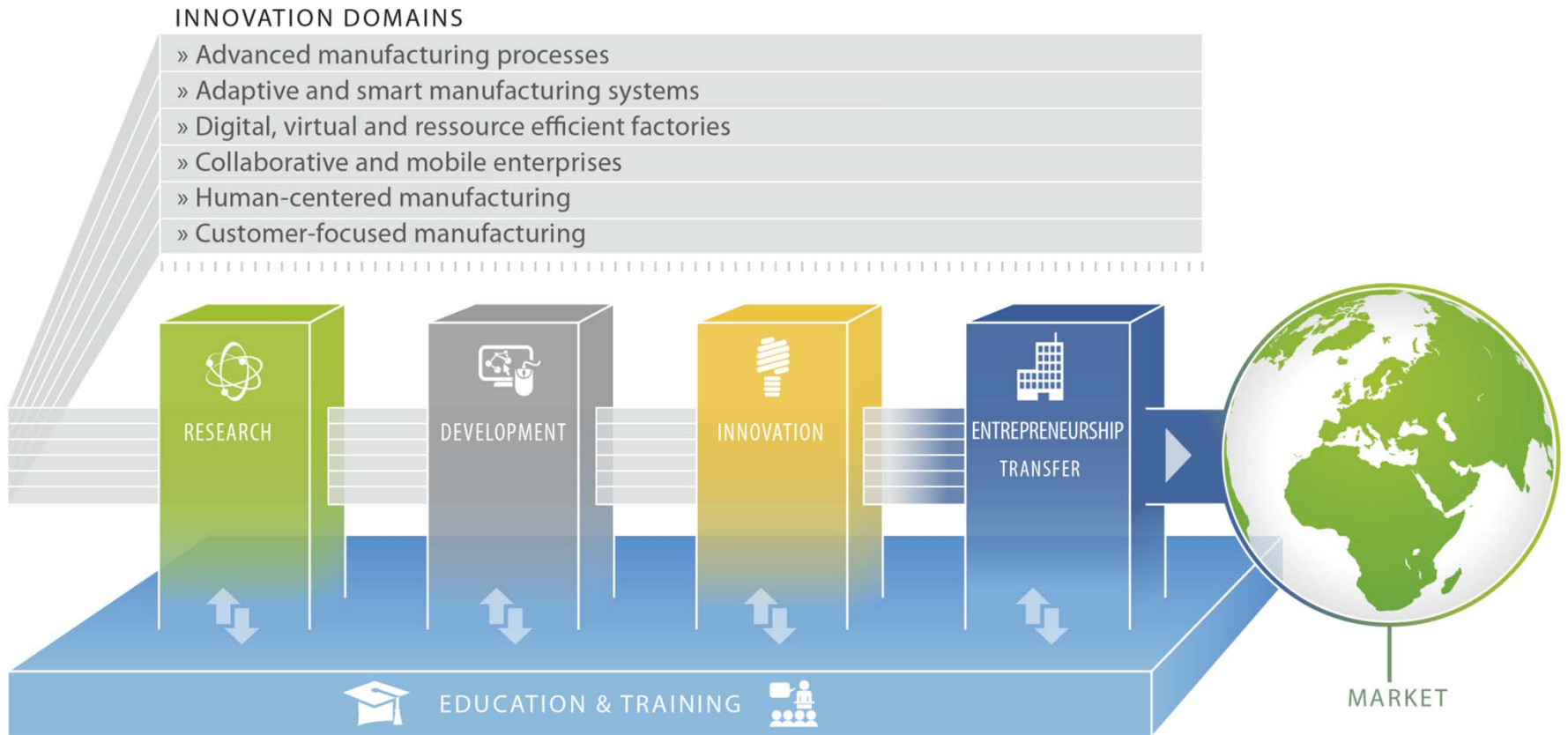
By reliable co-operation with existing and additional national and international Partners the Consortium can contribute significantly to strengthening SME's in Europe

- **Create measurable innovation** based on best in class science
- **Provide technology platform** to SME's meeting market needs
- **Define and implement tailor-made education concepts** for individual target groups (based on existing activities in that area)
- Implement **market oriented transfer concepts** with **main focus on SMEs** in Europe
- **Measure success of activities** by implementation of a strong governance model
- Prepare **entrepreneurship approaches** for successful spin-offs and start-ups on the basis of achieved results
- **Gain additional market share** for European players participating in this activities
- Create **new jobs** in high end production areas

Vision + Mission Statement (*prelim.*)

- Strengthen high value (or added-value) manufacturing industry to guarantee Europe's competitive position. Create value by delivering product and service innovation, establishing process excellence, achieving high brand recognition and contributing to a sustainable society.
- The Added Value Manufacturing KIC has the world-wide lead in the invention, research, development, and market transfer of the industry's most advanced manufacturing technologies, including manufacturing processes, systems, and factories. The KIC drives these technologies with associated products and services into smart European industrial operations for sustainable value creation in global supply chains.
The AVM KIC gives impetus to existing and will also create new sectors and markets through innovation, education and entrepreneurship. Thus the KIC creates new enterprises and new jobs in the European manufacturing trade and industry. It will permanently evolve the European industry in its adaptation to global market needs and sustain its leading role in the global competition.

Structural pillars and Innovation Domains

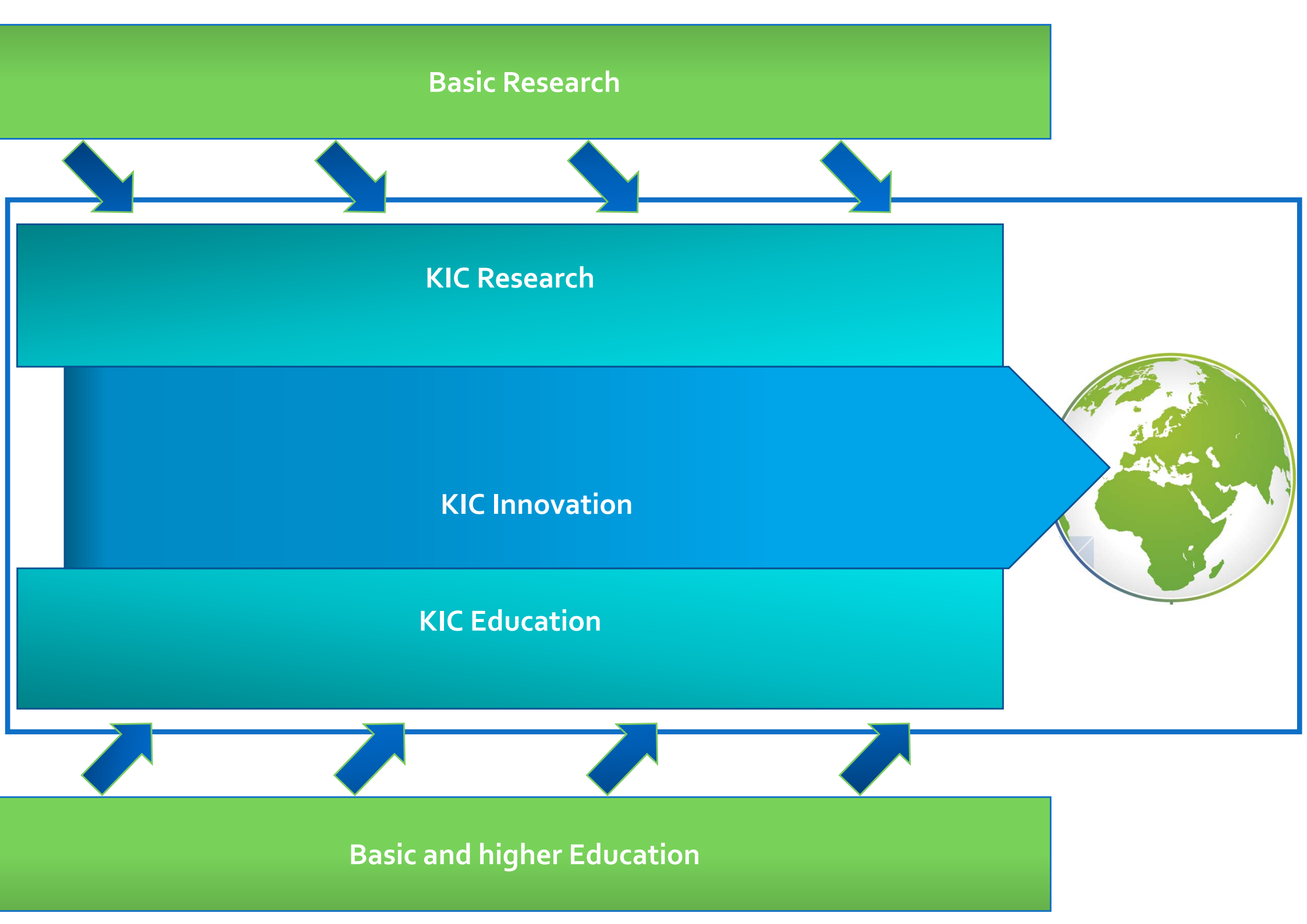


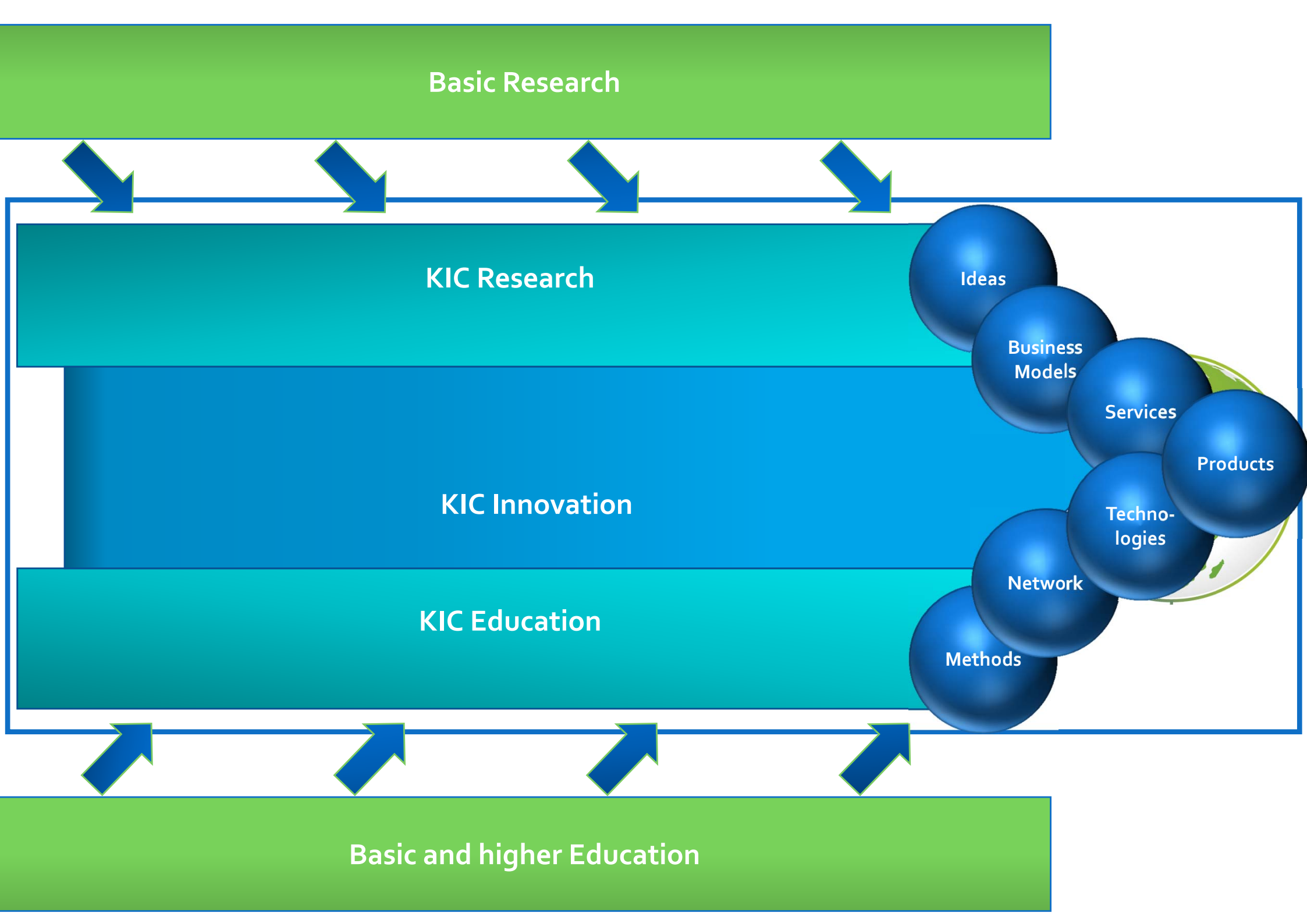
KIC Research

KIC Innovation

KIC Education







Basic Research

KIC Research

KIC Innovation

KIC Education

Basic and higher Education

Ideas

Business
Models

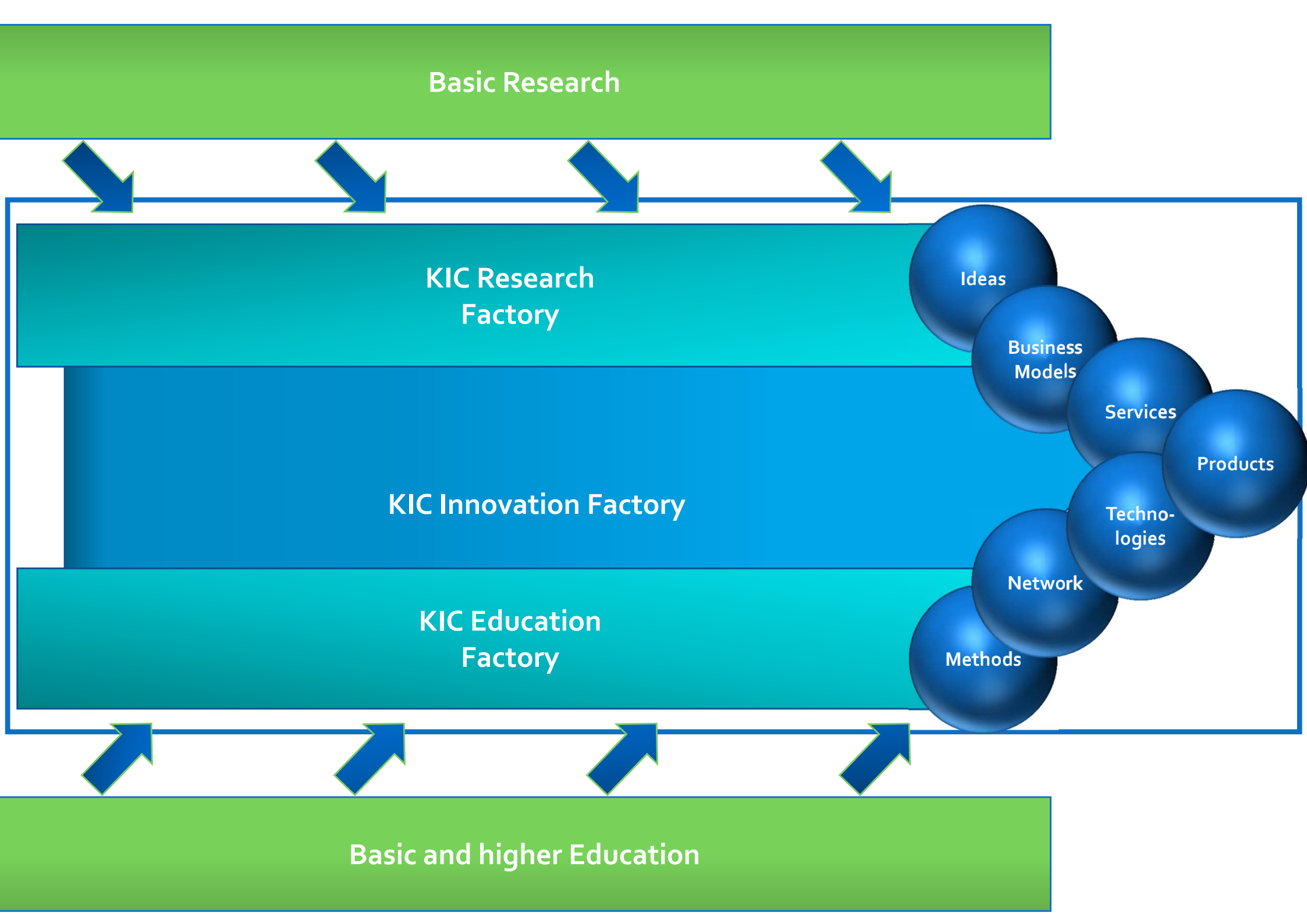
Services

Products

Techno-
logies

Network

Methods



Basic Research

KIC Research
Factory

KIC Innovation Factory

KIC Education
Factory

Basic and higher Education

Ideas

Business
Models

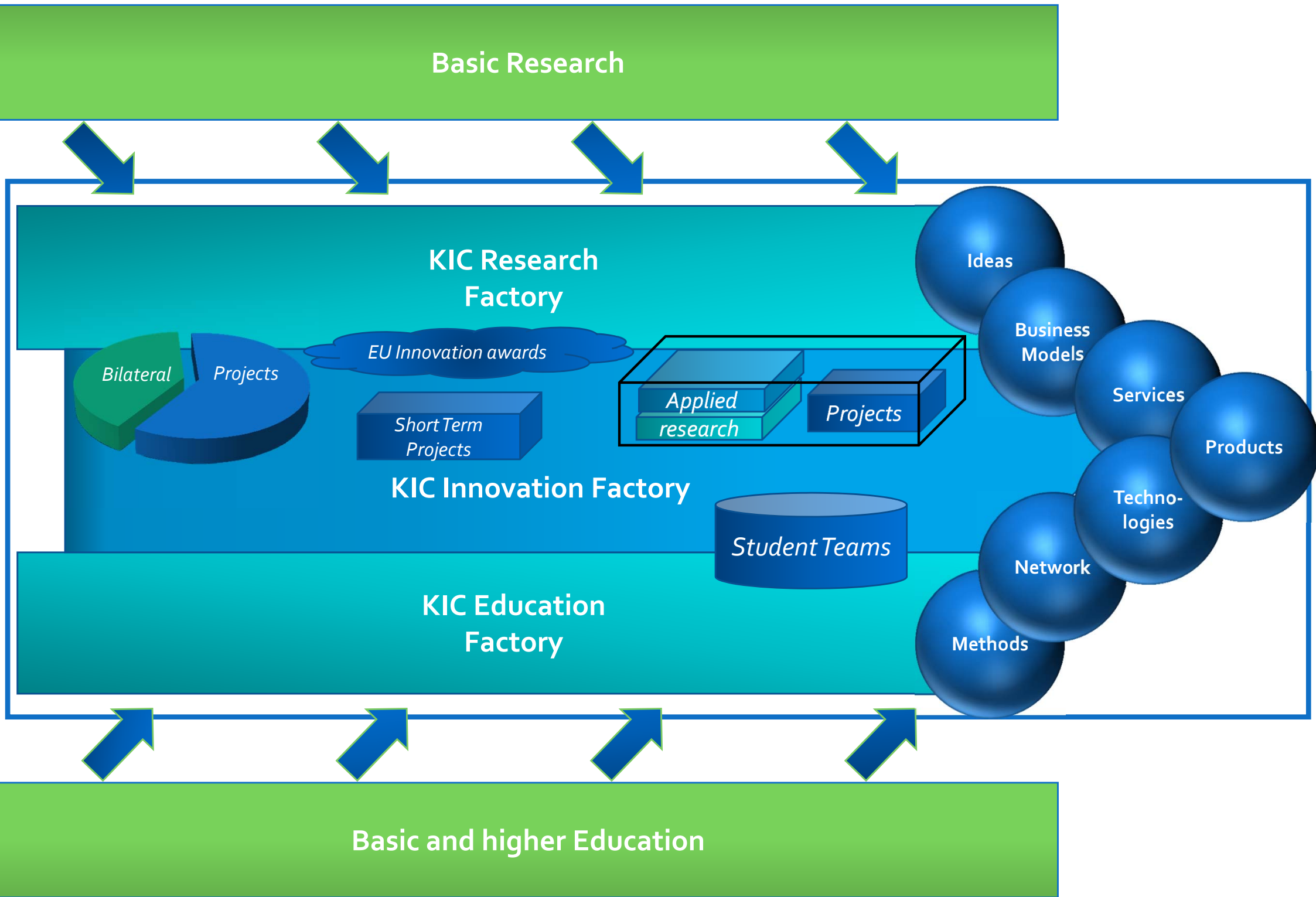
Services

Products

Techno-
logies

Network

Methods



Basic Research

KIC Research
Factory

Bilateral

Projects

EU Innovation awards

*Short Term
Projects*

*Applied
research*

Projects

KIC Innovation Factory

Student Teams

KIC Education
Factory

Ideas

Business
Models

Services

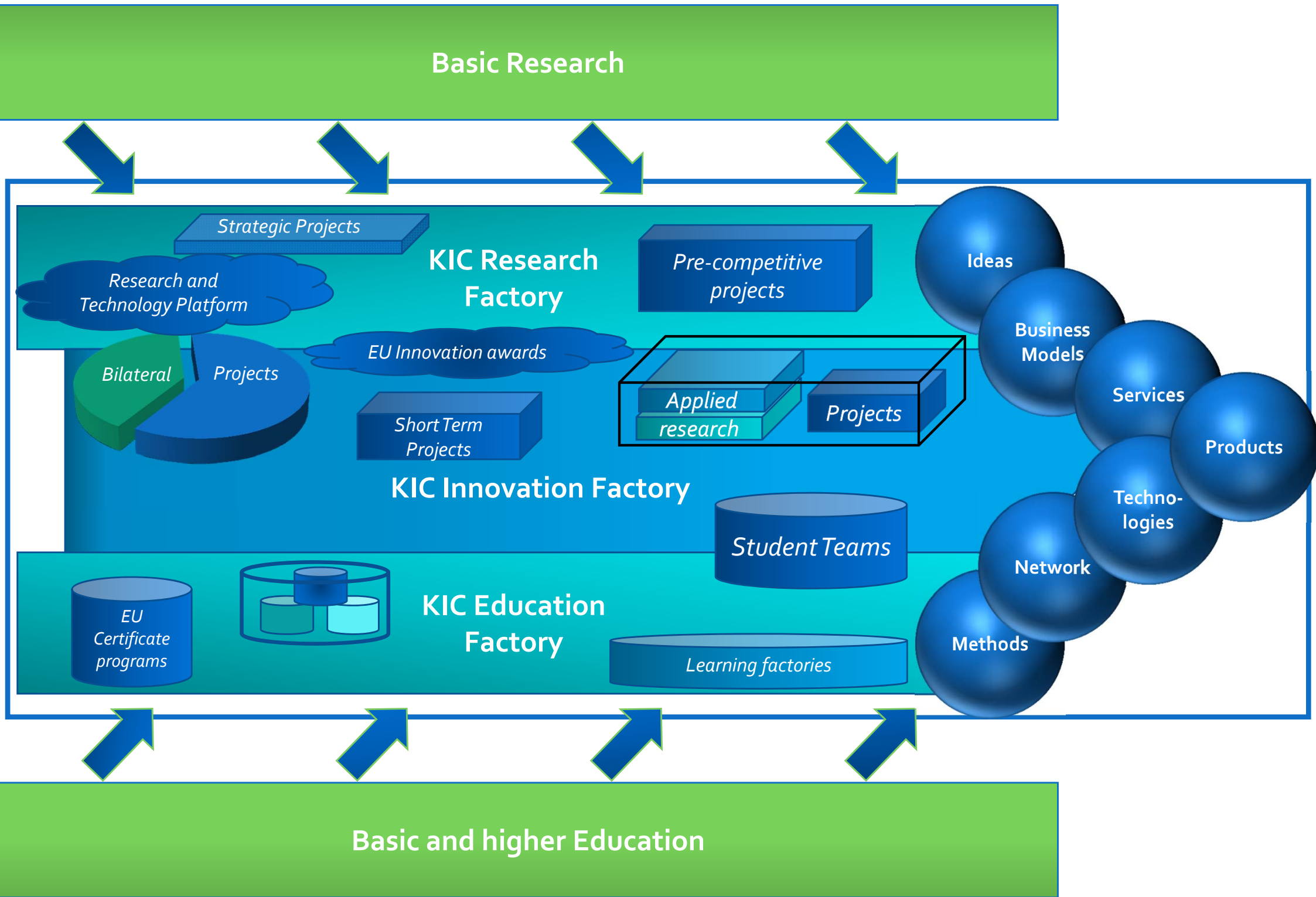
Products

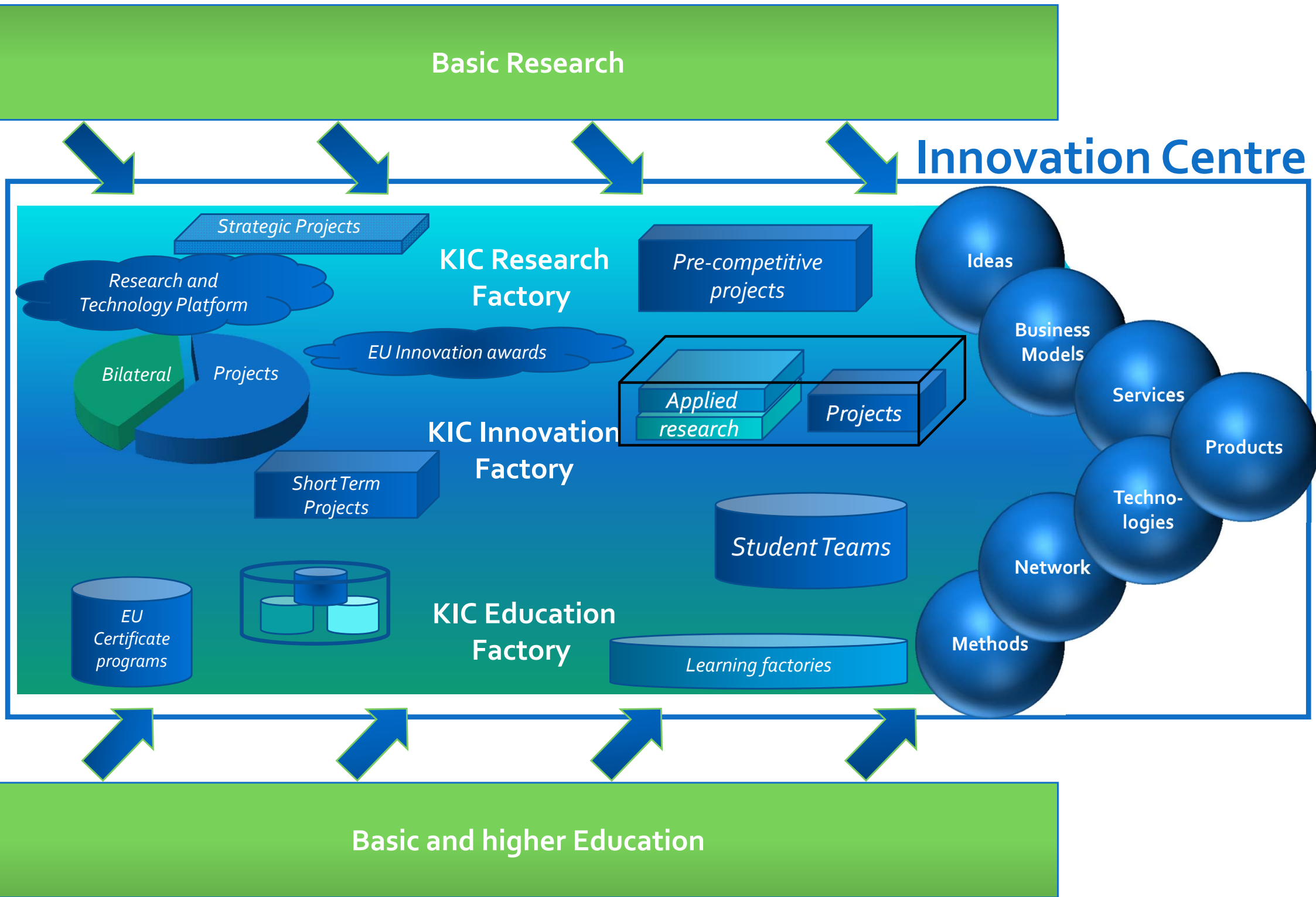
Techno-
logies

Network

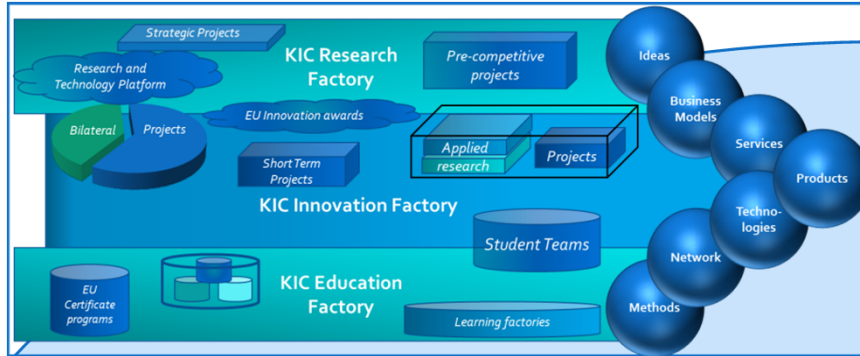
Methods

Basic and higher Education

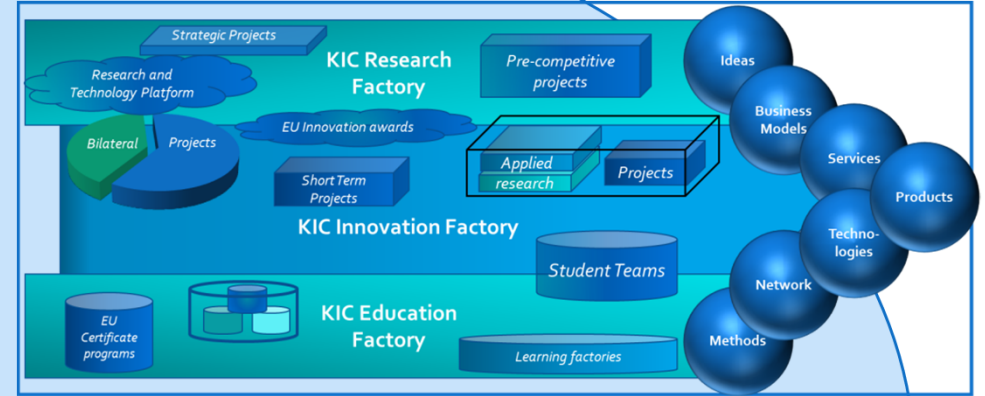




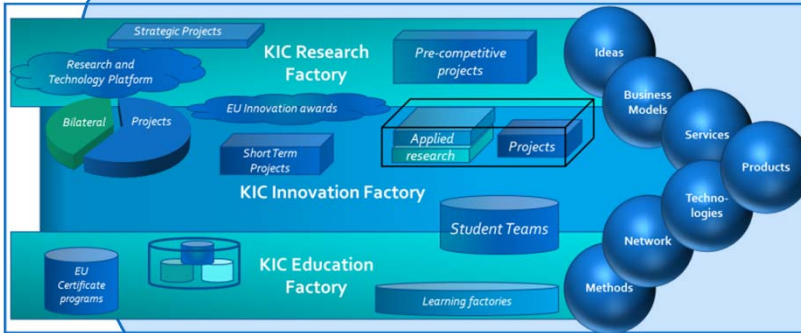
Innovation Centre



Innovation Centre

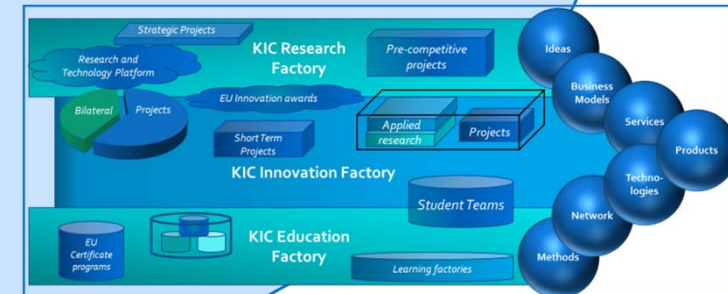


Innovation Centre

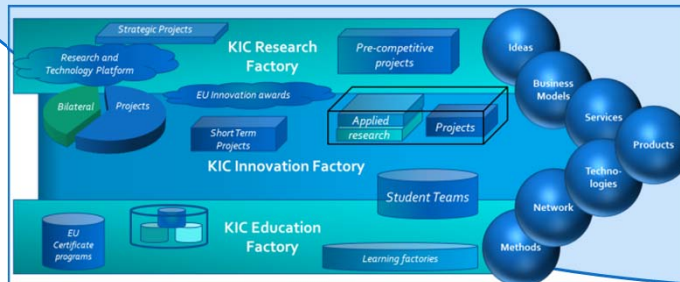


KIC AVM

Innovation Centre



Innovation Centre



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Overview of main activities (April – Nov 2014)

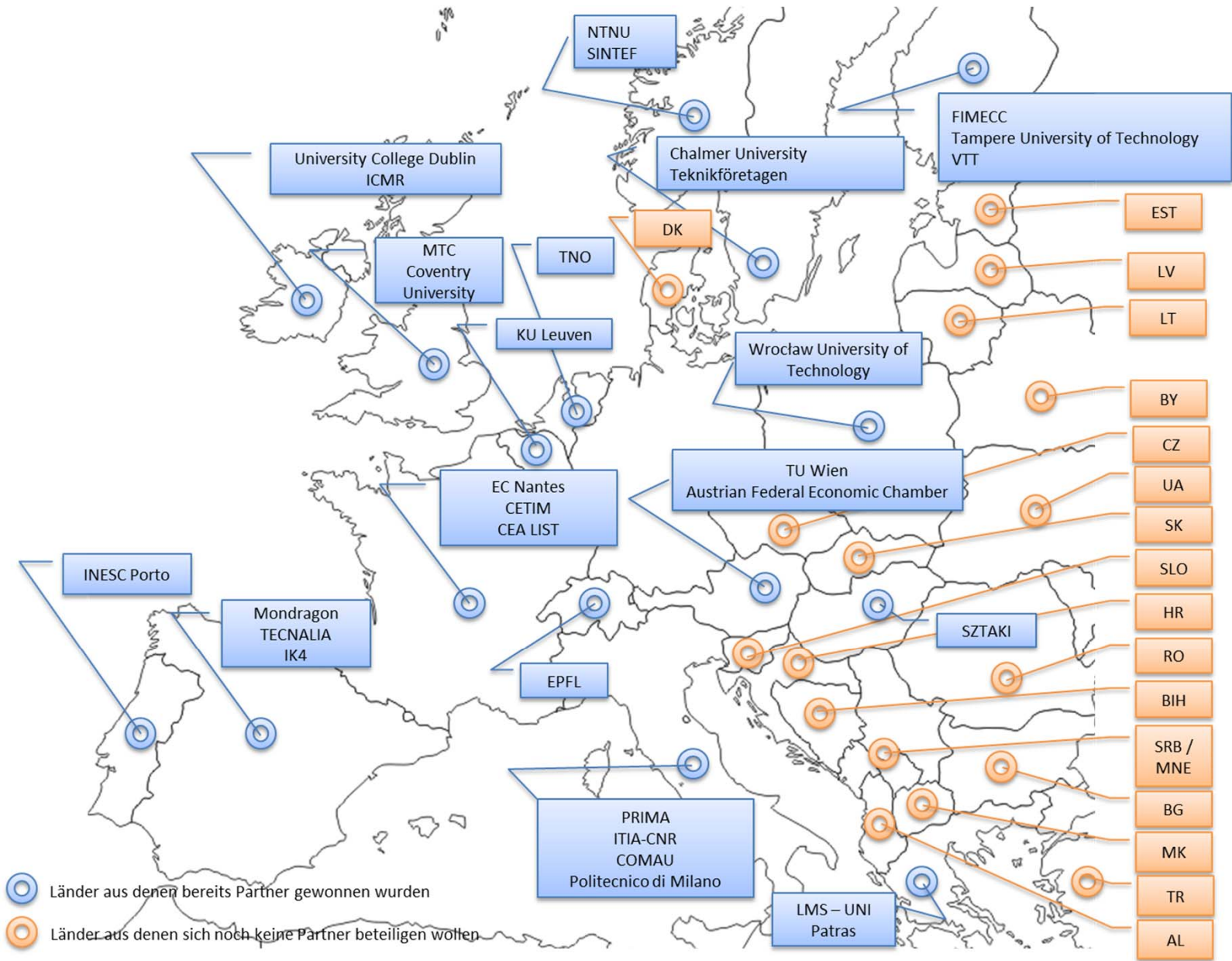
- Berlin *core group* meeting, 30/04/2014
 - Proposal for working groups
 - Structural pillars and innovation domains
- Brussels *general assembly* meeting, 12/06/2014
 - Start of working group discussions
 - 1st draft of future timetable
- Aachen *core group* meeting, 4/11/2014
 - Discussion of different working documents and agreement of contents
 - Initiation of 2-pager-documents for industry and politics
 - Agreement on detailed time table

Working groups on European level

- WG1 - Mission of the KIC
Strategy, Business Model and Sustainability, Impact and Return of the Investment
- WG2 - Formats and “Products” of the KIC
Structure, Operations and IMPACT and Synergies
- WG3 – Governance
Advancing in the structure and bodies
- WG4 - Marketing and Communication
Awareness rising

Overview of main activities (Dec 2014)

- Milan *core group* meeting, 09/12/2014
 - Discussion of 2-pager document
 - KIC profile approach: “bubble picture”
- Milan general assembly, 10/12/2014
 - Presentation of work so far
 - Discussion and agreement of working group documents
 - Agreement on merging WG documents
 - Agreement on 2-step-procedure for involvement of industries:
 - Regional workshops
 - Central workshop in Brussels end of February with key industrial people
- Next meeting in Spain April 2015



German consortium (actual status)

- Consortium partners
 - Fraunhofer Gesellschaft (IML, IPA, IPT, IWU)
 - BMBF Leading Edge Clusters Effizienzcluster LogistikRuhr Dortmund & it's OWL Paderborn
 - TU Darmstadt (PTW)
 - RWTH Aachen ("Cluster of Excellence Integrative Production Technology")
- Concept is based on
 - existing activities (e.g. in education or innovation transfer) and complements additional content and formats
 - existing strength in the area of production (Fraunhofer has been given the lead for this activities)
 - high reputation of each player in respective areas
 - close partnerships to manufacturing industry all over Germany
 - coverage of expertises along the whole value chain towards market
- Industrial partners (large and mid-size players) are very supportive and contribute significantly

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Future course of action – 1

- Dec 2014/
Jan 2015 organisation team for main industry workshop in Feb 2015
- Jan 2015 Finished 2-pager document to address industrial and political people
- Jan 2015 Merged WGs working documents transferred into proposal structure
- Feb 2015 Workshop with leaders of European multinational enterprises in Brussels
- Feb 2015 Draft version from WG4 of KIC White Paper
- Jan 2015 -> Regional workshops with industrial leaders
- Mar 2015 Proposal from steering group for
– proposal writing mechanism & team
– list of criteria for co-location centres
– KIC organisation & governance
- Apr 2015 Core group and general assembly meetings
- May 2015 Final version of KIC White Paper
- June 2015 Launch actions to link to member states and/or regions public authorities

Future course of action – 2

Sep 2015	Approved list of criteria for co-location centres
Sep 2015	Proposal writing mechanism & team defined
Sep 2015	KIC organisation & governance detailed proposal
Dec 2015	Draft Marketing & Communication Plan
Dec 2015	KIC Website (incl. logo)
Dec 2015	Calendar of marketing events
Dec 2015	Detailed concept for co-location centres
Dec 2015	Core group and general assembly meetings (progress review)
Jan 2016	Start Proposal Writing, new version of proposal every month
Feb 2016	Co-location centres defined
Feb 2016	KIC organisation & governance defined
Jun 2016	Final Marketing & Communication Plan
Jun 2016	Core group and general assembly meetings (progress review)
Sep 2016	Proposal submission