

KICA  GEING

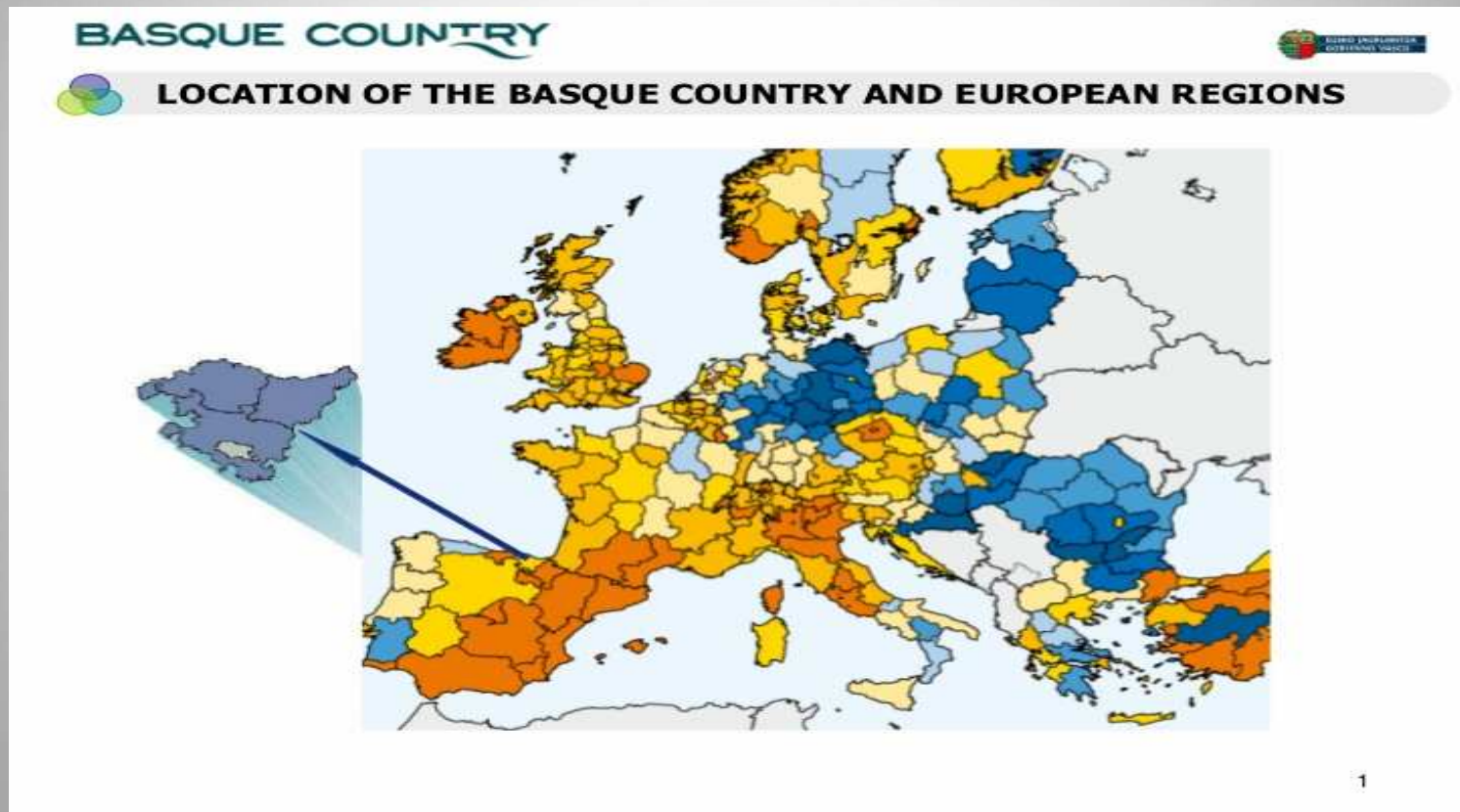
KICA  GEING

JUNE

EUSKADI- BASQUE COUNTRY



Euskadi-Basque Country: key figures



Euskadi-Basque Country: key figures

BASQUE COUNTRY



QUALITY OF LIFE

Socio-demographic data	Euskadi - Basque Country	EU -27
Population (inhabitants)	2,172,175	499,753,500
Population density (inhab/km ²)	300.2	117.8
Life expectancy (years) - Men	77.2	76.1
Life expectancy (years) - Women	84.3	82.2
Hospital beds (per 100,000 inhabitants)	375	590
Internet access (% homes)	60	65
Per capita GDP (EU 27= 100)	136	100
Population aged between 20 and 24 with secondary studies (%)	78.0	78.5

BASQUE COUNTRY



MAIN MACROECONOMIC DATA

EUSKADI - BASQUE COUNTRY	2000	2005	2008	2010
GDP at current prices (millions €)	41,647	57,289	67,924	65,419
Per capita GDP at current prices (base = 2005) (€)	20,030	27,153	31,514	29,988
Per capita GDP (PPC) (UE-27=100)	120	129	138	133
Inflation (consumer price variation, %)	3.5	3.3	4.1	1.7
Employment rate (16 to 64 year-olds, %)	57.5	65.4	67.6	65.1
Exports (millions €)	11,871	14,297	20,279	17,876
Import (millions €)	10,324	14,537	20,118	15,431
Export tendency (Exports/ GDP) (%)	28.5	25.0	29.9	27.3
Productivity per employed person (EU-27=100)	133.0	127.8	131.9	130.9

Euskadi-Basque Country: key figures

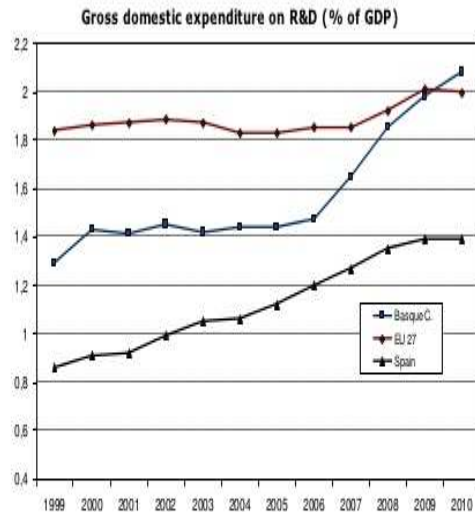
BASQUE COUNTRY



BASQUE COUNTRY



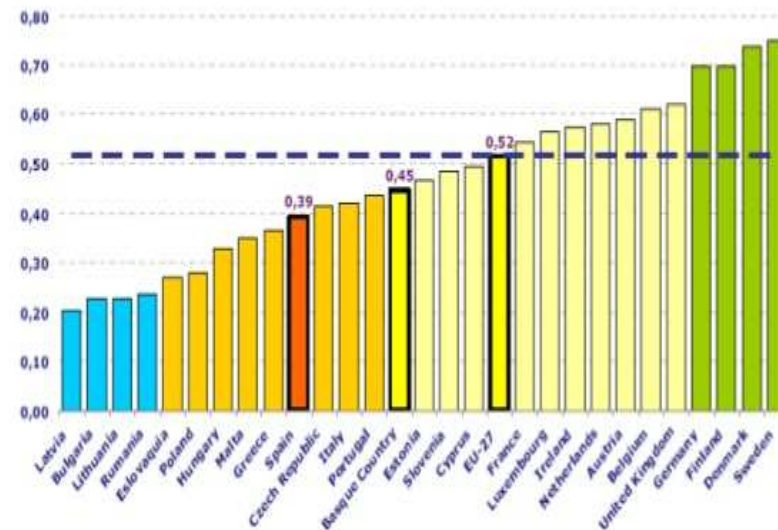
RESEARCH AND DEVELOPMENT (R&D)



R&D indicators in the Basque Country, 1996-2010	1996	2000	2005	2010
Gross domestic expenditure on R&D (% of GDP)	1.16	1.43	1.44	2.08
Full time personnel over employed personnel (%)	8.55	10.69	12.95	18.02
Full time research personnel over employed personnel (%)	5.15	6.46	8.10	11.78

INNOVATION INDEX

European Innovation Union Scoreboard – IUS 2010



Source: Eustat and PRO INNO Europe: INNO-Metrics, European Commission

According to the new Innovation Union Scoreboard – IUS 2010 – the Basque Country is at number 15 in the EU-27 ranking. The Basque Country is among the group of high innovation countries, although at the lower end.

contents

- 1 Focus, objectives and philosophy
- 2 High level objectives and KPIs
- 3 How we plan to meet the objectives
- 4 Thematic areas
- 5 Operational strategy
- 6 Legal structure
- 7 Relevance

FOCUS, OBJECTIVES AND PHILOSOPHY

focus & objectives

“Silver economy” & Humanism 01

- ✓ Tackling the enormous opportunity of converting the grey economy to the silver economy by focusing on the foundations of welfare state policies

Strengthening Policies 02

- ✓ Both market forces and public health and social care systems play a crucial role in this process and their position must be taken into account

Human centered 03

- ✓ Above all, the process of ageing must be understood on these levels and also its perception and implication to society in distinct cultures

philosophy

content based approach

covers both challenges of health and ageing

well balanced themes to cover the objectives of a “European”
KIC

ensures that the concept is feasible in reality

balancing ageing models in Europe as well as geo-politics

promoted by the Basque Country: its industry, education,
government and citizens

with political and economic ambitions and well-aligned with
Europe 2020

strategy

open environment

pursuit of excellence
and impact in Europe

critical mass

HIGH LEVEL OBJECTIVES AND KPIS

(KEY PERFORMANCE INDICATORS)

Tier 0 objectives

Employment: X% contribution to goal of 75% EU people

R&D investment: X% contribution to goal of 3% GDP

Social exclusion: X% contribution to reduction of 20M people



Tier 1 objectives

+2 QALY by 2020
(Quality Adjusted Life Years)

X% of GDP growth

Reduce hospitalisation and long term stay



Tier 2 objectives per theme

Active ageing

Independent living

Person centered health and social care services

Lifelong learning

Outdoor, indoor ecosystems

Social inclusion



Tier 3 objectives: creation of products and services using knowledge triangle & the 3 KICAging pillars

Student to entrepreneur

Idea to product

Lab to market

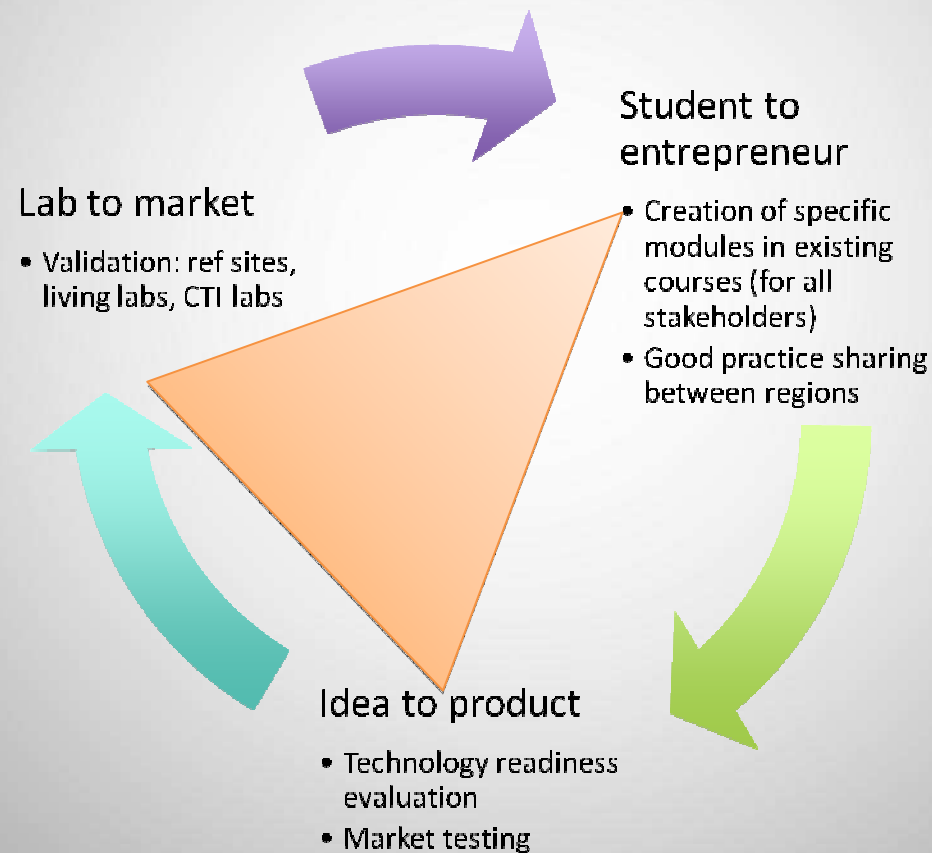
**PUBLIC
POLICIES
& SYSTEMS**

**THE LIVING
ENVIRONMENT**

**PROCESS
OF AGEING**

HOW WE PLAN TO MEET THE OBJECTIVES

using the knowledge triangle



high level deliverables

- Creation of talent specialized in the health and social care with entrepreneurial spirit

Future Game-Changers

- Technology integrated with services with a market impact

Innovative products and services

- Diversification of existing industry to meet demand
- Start-ups with high growth potential

Smart specialisation and new businesses

THEMATIC AREAS

ageing pillars

PUBLIC POLICIES & SYSTEMS

- Health and social care pension systems
- Social security
- Care pathways and service delivery models

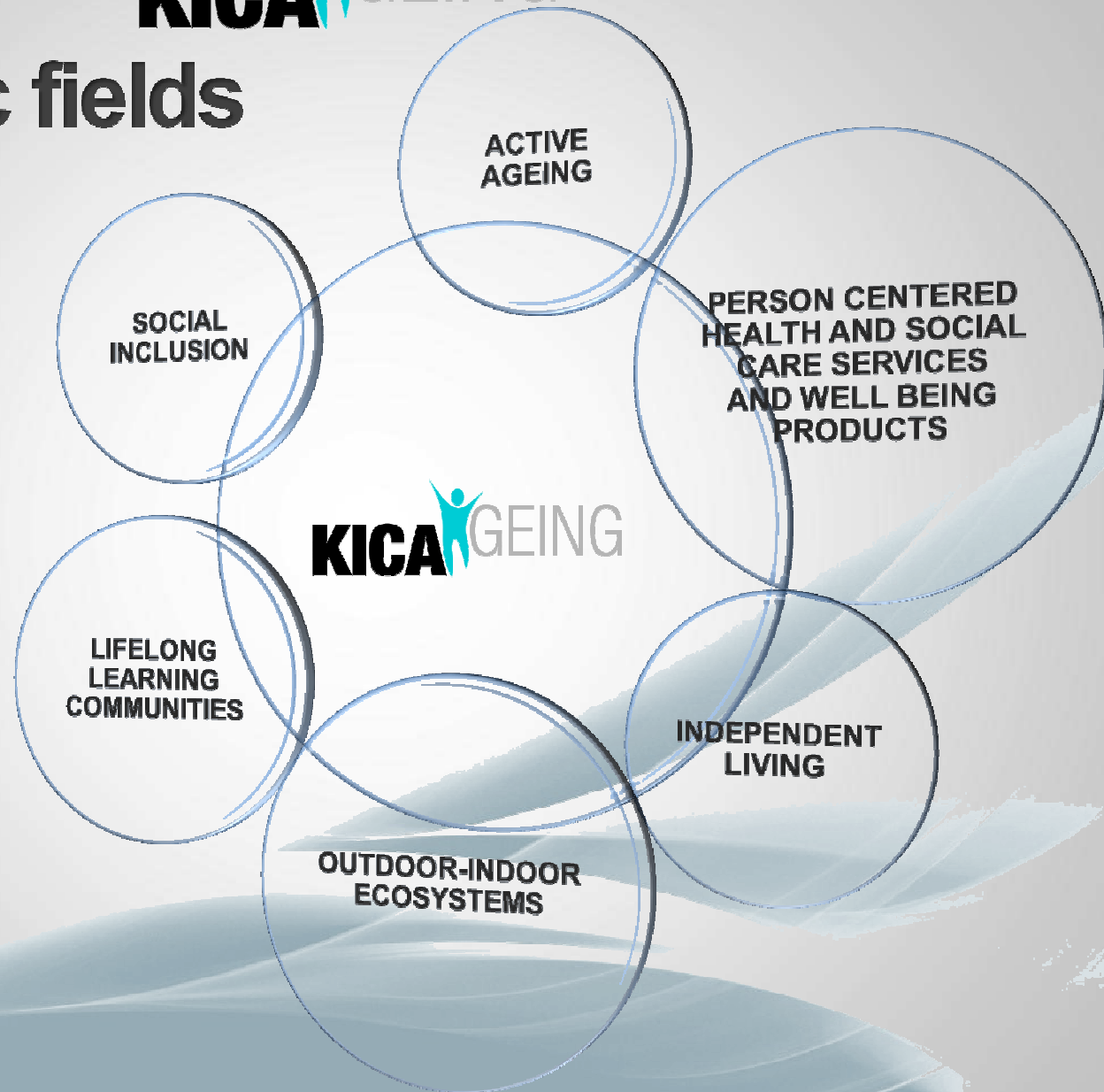
THE LIVING ENVIRONMENT

- Interaction of individuals with the social and physical environment

PROCESS OF AGEING

- Analysis of Biological aspects
- The Clinical perspective
- Modeling of Behavioural changes

thematic fields



thematic fields (II)

- Nutrition
- Health promotion
- Maintaining mental health
- Disease prevention
- Self-care

ACTIVE AGEING



- Home care
- Prevention and early diagnosis
- Innovative care models
- Disease management
- E-health services

PERSON CENTERED HEALTH AND SOCIAL CARE SERVICES AND WELL BEING PRODUCTS



- Economic self sufficiency
- Culture and leisure for the elderly
- Sense of belonging
- Informal care support

INDEPENDENT LIVING



- Age friendly cities
- Adapted home

OUTDOOR-INDOOR ECOSYSTEMS




- Access to knowledge
- Labour flexibility
- Adult literacy
- Intergenerational knowledge transfer

LIFELONG LEARNING COMMUNITIES



- Building relationships
- Volunteering
- Ageing at work

SOCIAL INCLUSION



cross-cutting research issues (across all themes)

PUBLIC POLICIES & SYSTEMS

- Models for return of investment (social and economic)
- Innovative procurement
- Validation methodologies (eg. MAST)
- Opening up legacy systems for inclusion of third party products

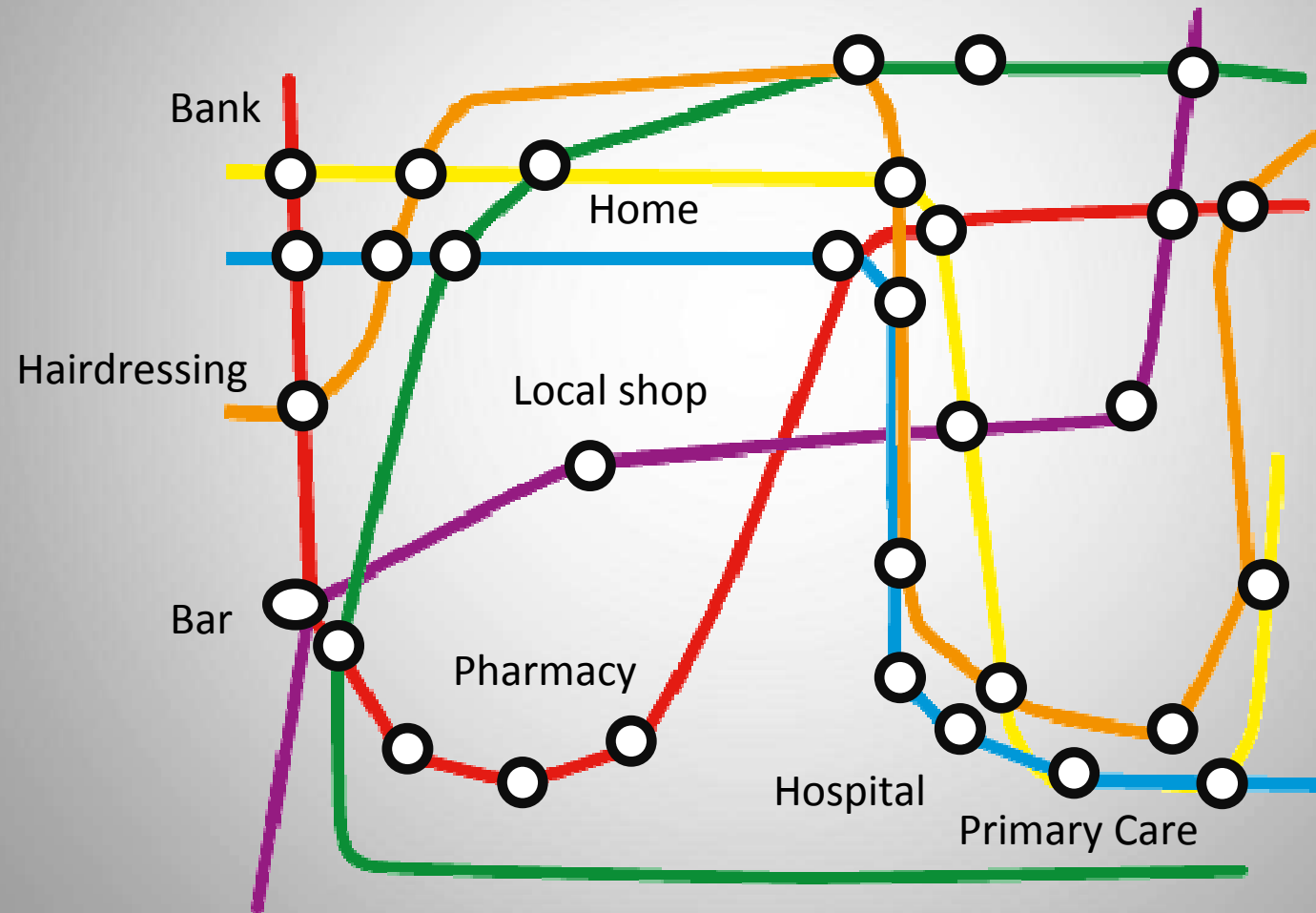
THE LIVING ENVIRONMENT

- The case for interoperable systems
- The digital age and impact with other themes such as energy, climate and smart transport

PROCESS OF AGEING

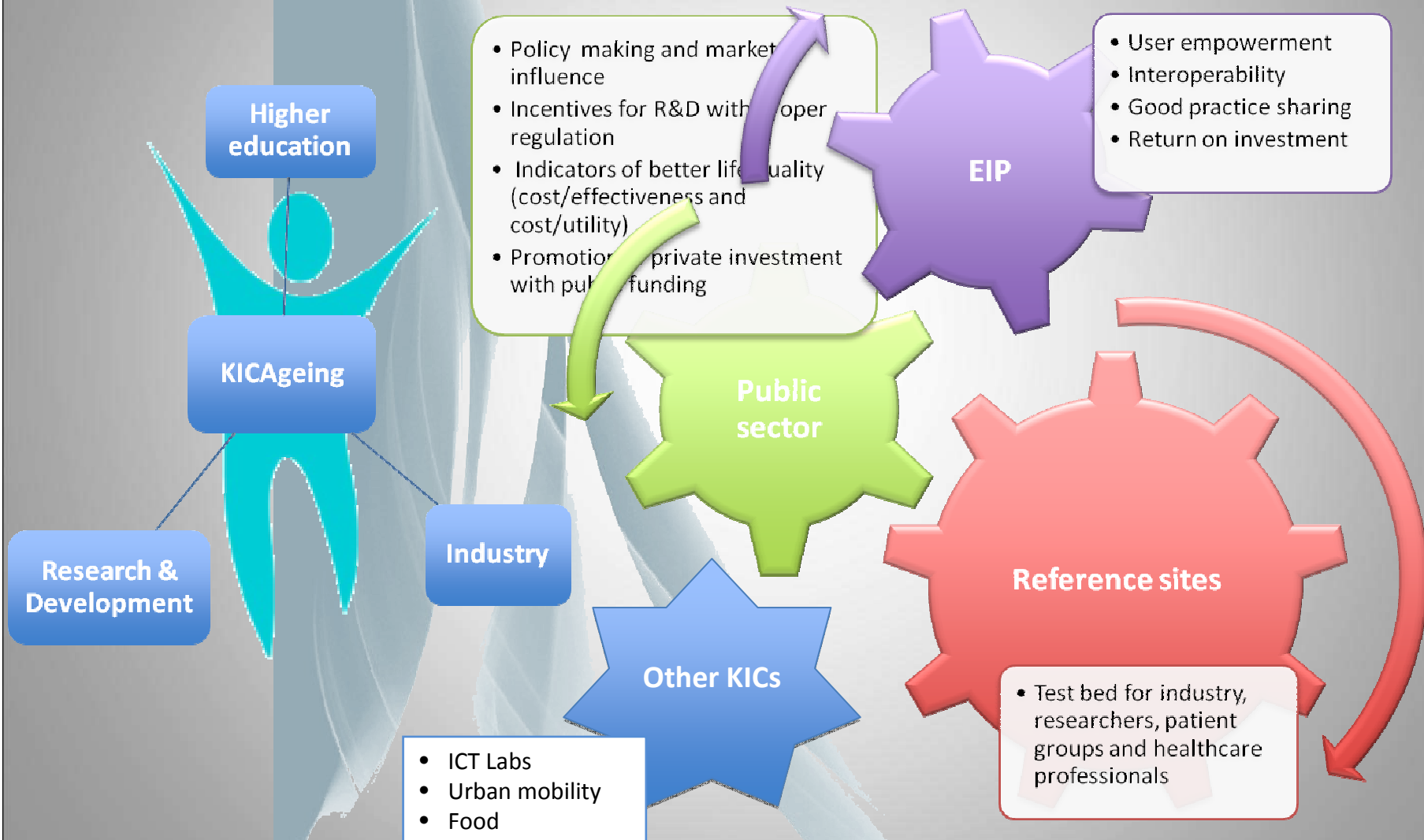
- What ageing really means

ageing arena: urban environment



OPERATIONAL STRATEGY

operational strategy



competences

POLICY AND SYSTEMS

- Care management
- Caring and volunteering
- Carer expertise
- ICT and design
- Personal health and social care budgeting
- Economic and tax modelling
- Employment and pension law
- Procurement, empowerment,
- Patient stratification, gap analysis

The ageing process

- Gerontology and biogerontology
- Psychology, sociology
- Clinical research and study experts

The living environment

- ICT and design
- Additive and personalised manufacturing, Mechatronics, nanoscience
- Physical-spatial-technical environments and knowledge
- Accessibility and interoperability
- Business modelling, patent law
- Demand and supply analysis

LEGAL STRUCTURE

Structure

Legal Structure

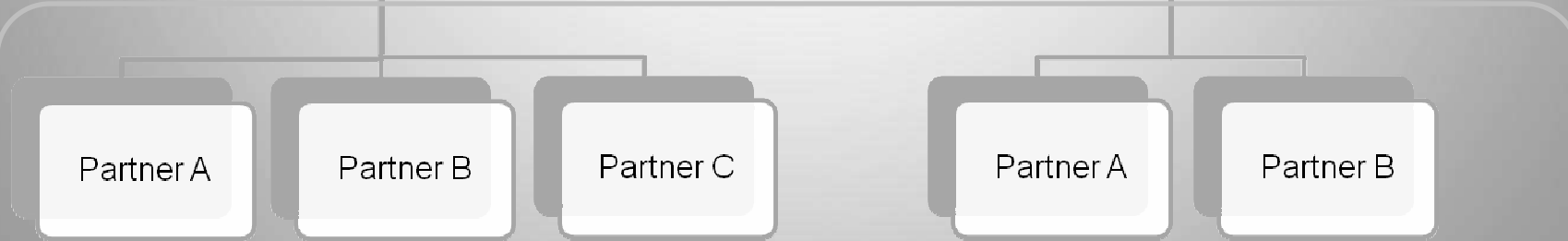
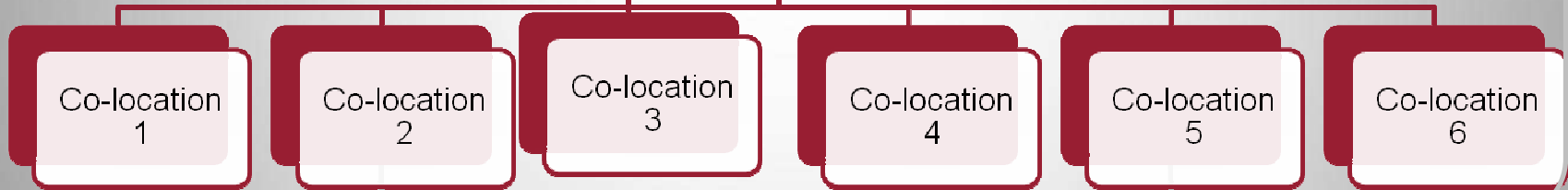
EIT doesn't participate in the capital of KIC SE

KIC SE Ageing

European Limited Company

The KIC SE owns 51% of capital of each co-location

Limited Companies



Companies, Technological Centers and Universities

RELEVANCE

KICA GEING





KRONIK GUNE »

CENTRO DE INVESTIGACIÓN EN CRONICIDAD



EUSKO JAURLARITZA
GOBIERNO VASCO

OSASUN ETA HONTSUARO
SAILA
DEPARTAMENTO DE SANIDAD
Y CONSUMO

Basque Public Health system (Deputy Ministry of Health Research and Innovation of the Basque Country, BIOEF -The Basque Foundation for Health Innovation and Research- and **KRONIKGUNE** -center of international excellence in research on chronicity-)

bio
eusko fundazioa
Fundación Vasca de Innovación e Investigación Sanitarias



TECNALIA



Ageing Innovation Cluster (consisting of six Basque companies: Fundación Matia, Policlínica Gipuzkoa, Ikusi, Euskaltel, Tecnalia e Ibermática)



MONDRAGÓN Corporation



University of the Basque Country, UPV-EHU



IK4 Research Alliance



MATIA Foundation. Main care services provider in North Spain



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