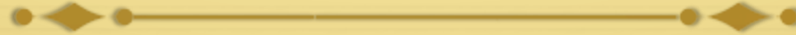




Smart Specialisation Strategies (S3) for Innovation and Growth

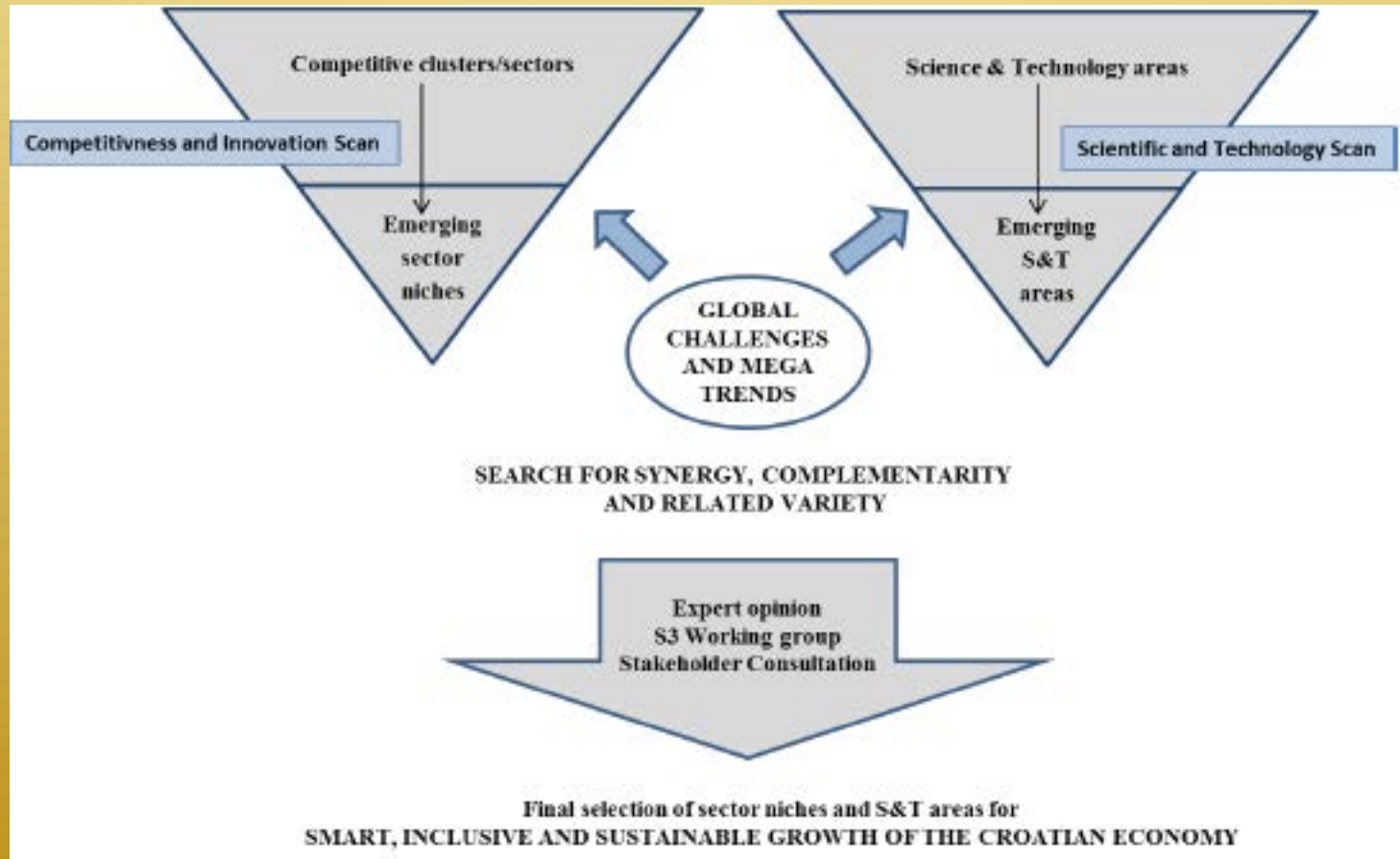
Prof. Roko Andričević
University of Split

Situation in Croatia



- ✦ Industrial Strategy 2014-2020
- ✦ Innovation Strategy 2014-2020
- ✦ Smart Specialization Strategy 2016-2020 with Action Plan 2016-2017
- ✦ Western Balkans Research and Innovation Centre - WISE

Analytical approach to priority areas



Priority thematic areas



**HEALTH AND
QUALITY OF
LIFE**

**ENERGY AND
SUSTAINABLE
ENVIRONMENT**

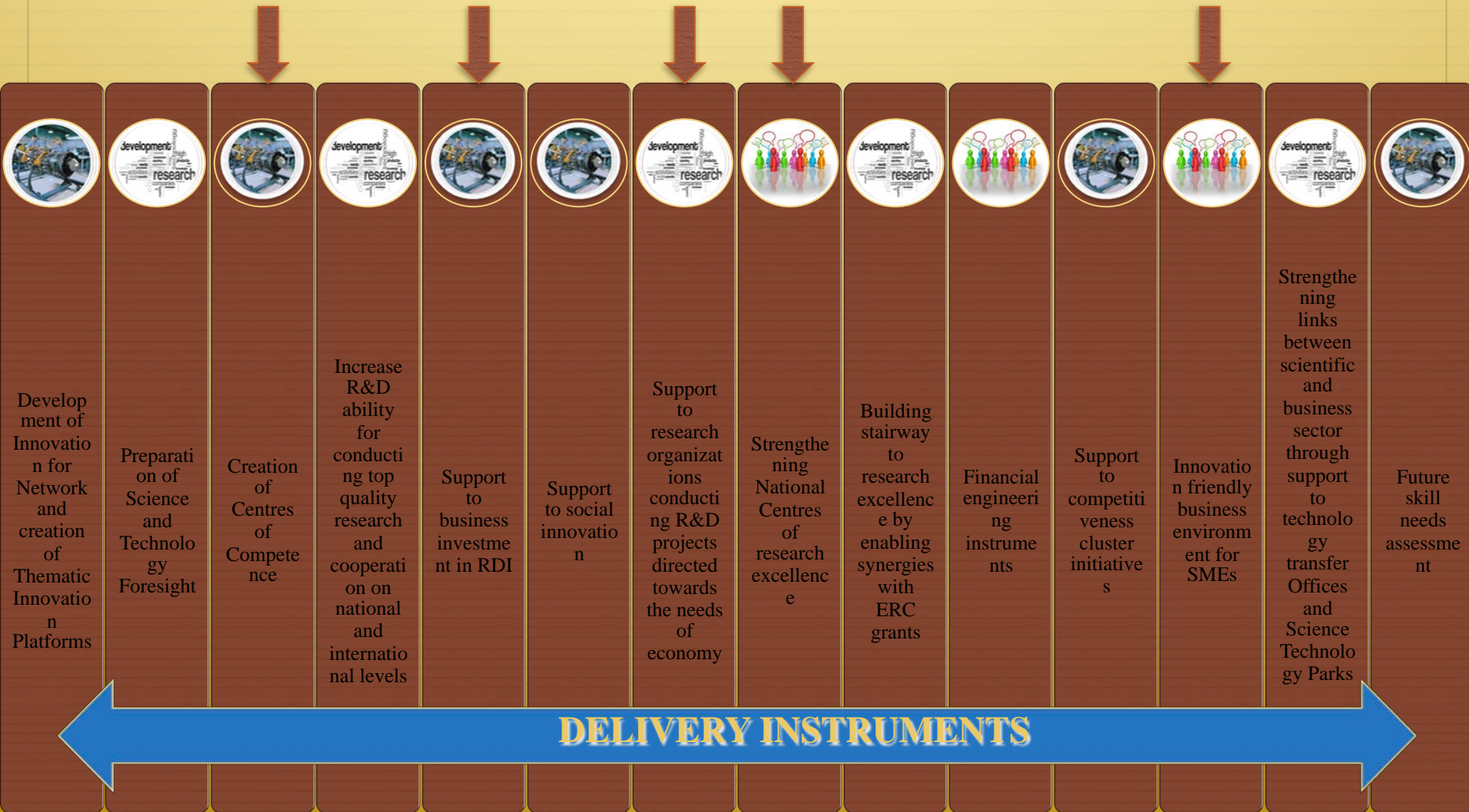
**TRANSPORT
AND
MOBILITY**

SECURITY

**FOOD AND
BIO-
ECONOMY**

Cross-cutting themes: KETs & ICT

POLICY MIX INSTRUMENTS



Challenges & Obstacles

- ◆ Inadequate/underdeveloped research infrastructure and equipment
- ◆ Weak RDI capacities of the business sector and low number of laboratories with up-to-date equipment for the implementation of projects with a technological orientation
- ◆ Difficult access to capital markets and high cost of capital
- ◆ Insufficient commercialization of research results and insufficient research orientation towards the needs of the economy
- ◆ In Croatia only around 2500 (0.19%) workers work on R&D activities in private sector

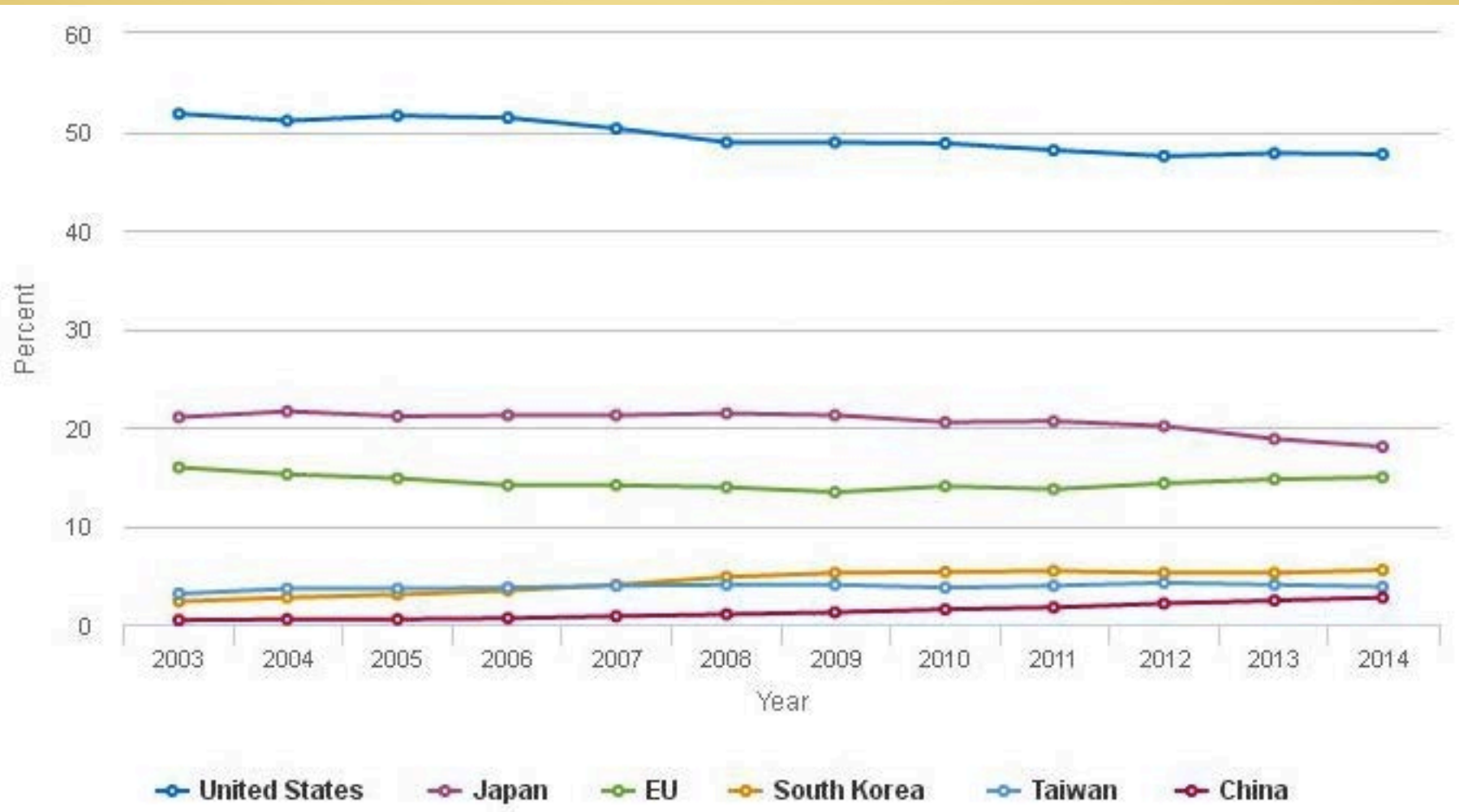
A challenge for Europe

- ◆ Current innovation-friendly climate has tendency to champion any success story of research-based innovation
- ◆ Questionable social benefit, the value for the taxpayer, long-term viability and impact on the research system
- ◆ Innovation is not a linear process...

” Research-based innovation in Europe does not meet the expectations of society and of political and economic leaders”

Science Europe Engineering Committee (2015)

USPTO patent granted by selected region/ country/economy of inventor 2003-2014



Regional Initiative - WISE

Agreement on the Western Balkans Research and Innovation Centre - WISE



WISE Agreement



Between:

Republic of Albania,

Bosnia and Herzegovina,

Republic of Croatia,

Kosovo*,

FYR of Macedonia,

Montenegro and

Republic of Serbia

European Commission

Multilateral Organizations

Country Budgets

Other donors

Western Balkans Research and Innovation Centre (WISE)

Managing Programs

Policy Dialogue Analysis and Training

Research excellence fund

Regional networks of excellence

Technology transfer program

Early –stage start up program

Increased research and its quality & links with Diaspora

Joint publications & better use of infrastructure, mobility

Improved diffusion and private sector collaboration

Matching grants for PoC, Business development & advisory service

M&E yields redesign and results improvement

WISE

an international, independent, non-profit, sustainable organisation

Mission: strengthen regional research innovation and technology systems and improve Western Balkan's research and innovation climate

Scope of work:

- Advocate for and advise on the implementation of reforms (policy exchange, public policy dialogue in R&I)
- Implementation of regional strategic programmes
- Provide analysis; monitoring and evaluation of policy reforms
- Promote capacity building

promoting an facilitating:

- Collaboration between researchers (in region and with scientific diaspora)
- Mobility of young researchers and PhD candidates
- Collaboration between research organizations and their collaboration with the industry
- Joint programming
- Shared use of science infrastructure
- Scientific centres of excellence

The background features a warm, golden-yellow gradient. At the top, there are several faded, vintage-style postmarks and stamps. On the left, there are Chinese characters '航空' (airmail) and 'PAR AVION'. In the center, a circular stamp contains a globe and the word 'POSTAGE'. To the right, there are more circular stamps, one with 'AIR MAIL' and another with '257A'.

Thank you