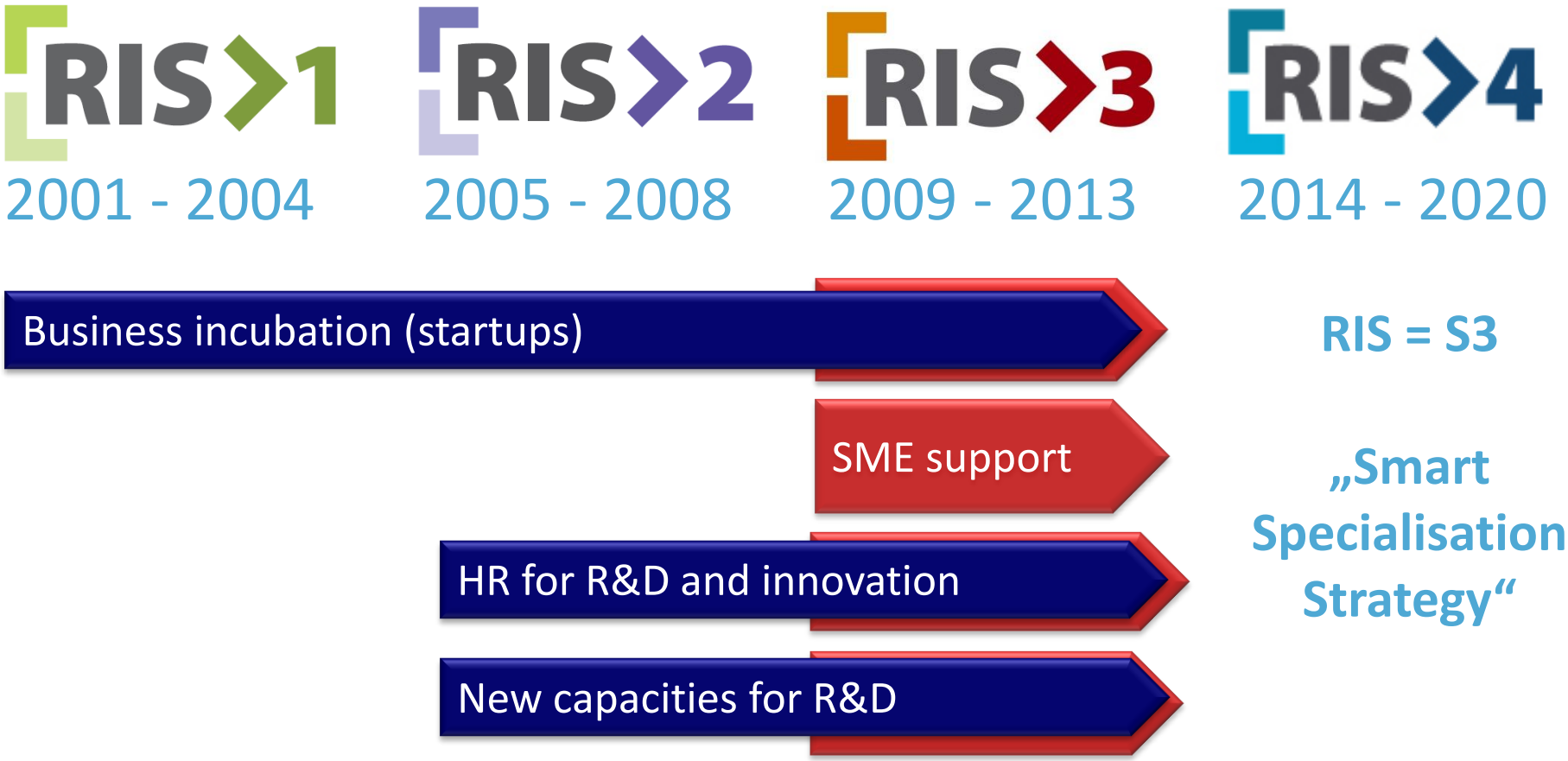
REGIONAL INNOVATION STRATEGY / SMART SPECIALISATION STRATEGY (S3) IN SOUTH MORAVIA

RIS SM: 2002 = year zero

RIS>1

2001–2004

Generations of RIS SM



900+

high-tech jobs in start-ups
(110 start-ups)

Jihomoravský kraj

JIC

8M €

VC investment

700M €

Investment from Structural Funds in R&D

52

Foreign scientists attracted throguh programme SoMoPro

269

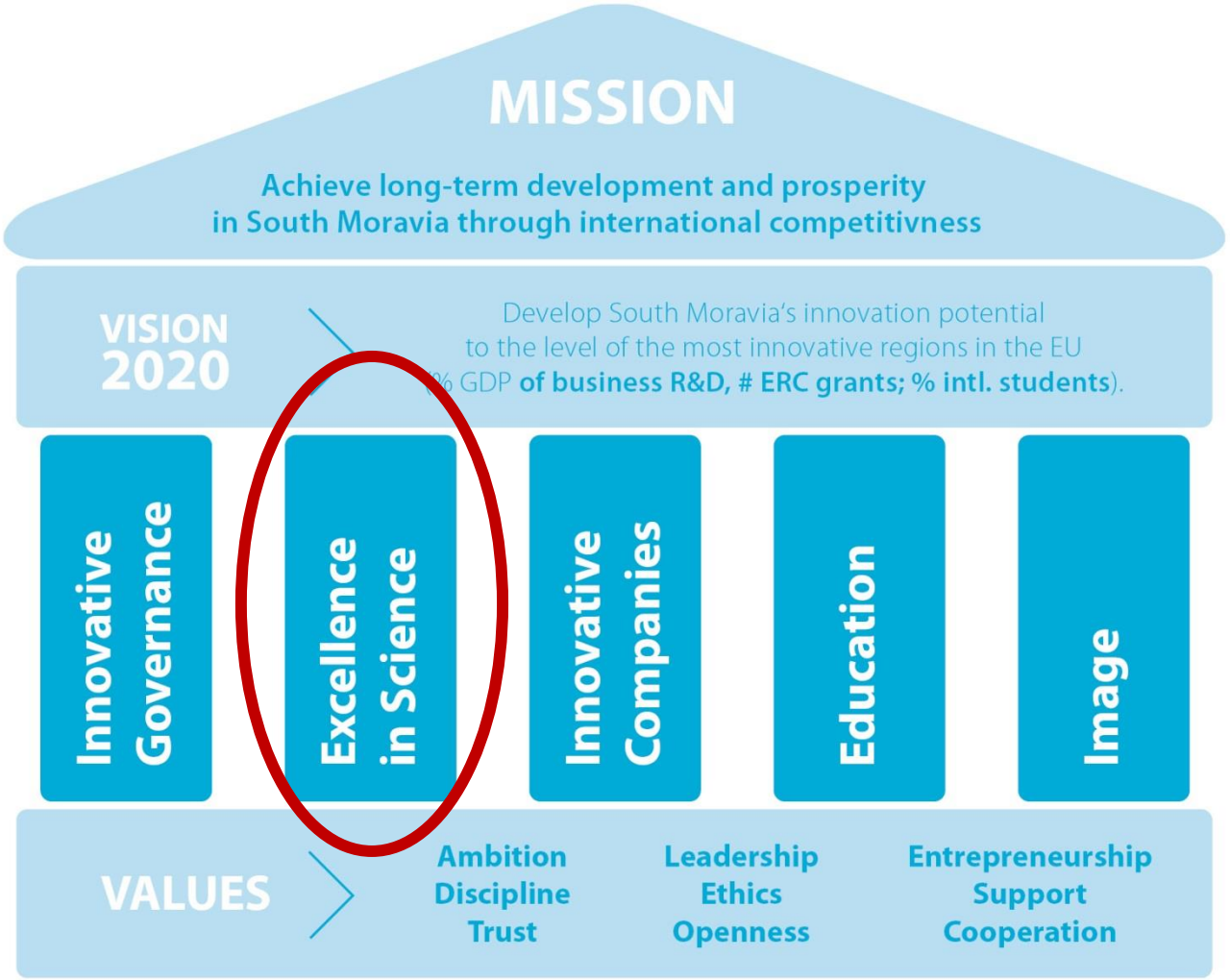
innovation vouchers awarded

1M €

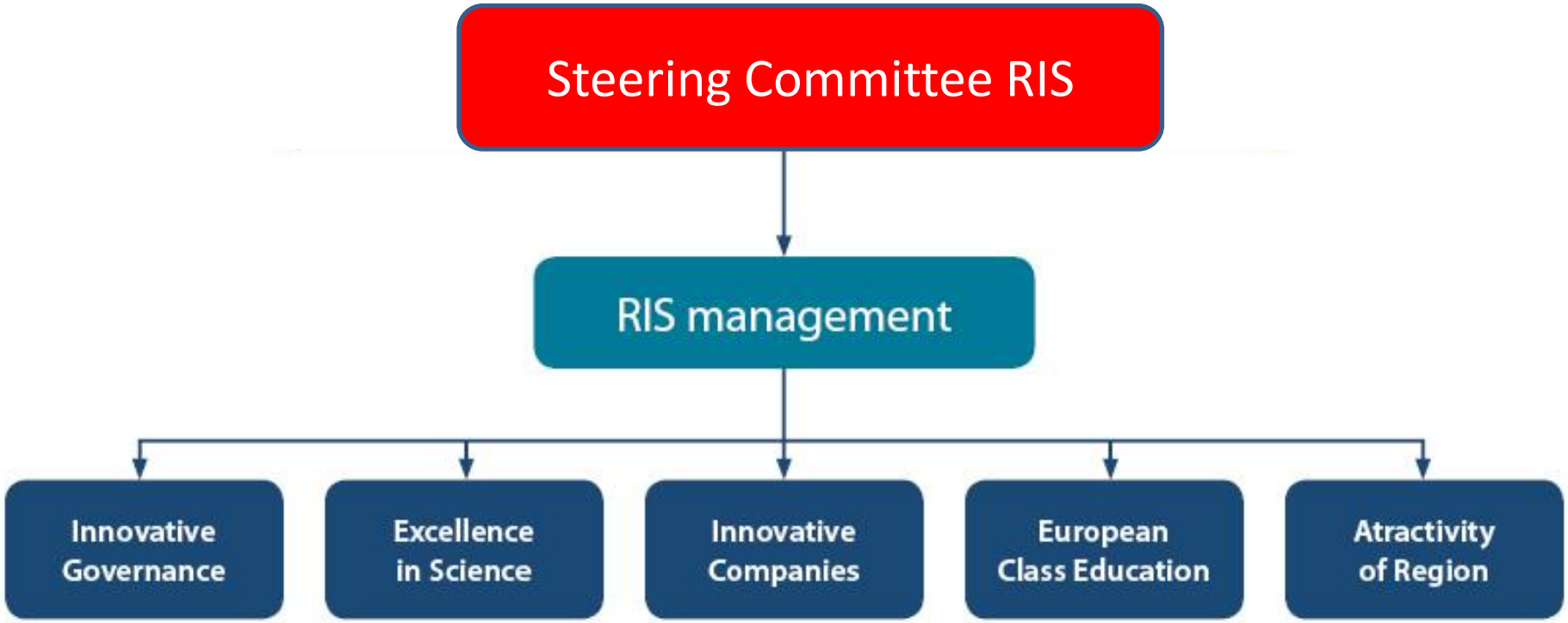
of support to young talents annually

Effective regional platform + capacity to manage a partnership

Strategic framework of RIS SM 2014 – 2020



Governance Structure of RIS SM



VIZE 2020

EXCELLENCE IN RESEARCH

RIS>JMK

Excellence in research - strategic objectives, metrics

- Strategic objective B.1: Increase **quality and problem orientation** of public research in SM

- B.1.1. Secure sufficient supply of talents for R&D in SM

- B. 1.2. Improve material conditions for high-quality research teams in SM and their attractiveness

- B.1.3. Improve strategic management of research

Metrics:

- ERC and other prestigious grants, H2020 participations, top quality publications.

Excellence in research - strategic objectives, metrics

- Strategic objective B.2: **Maximise economic benefits** of public investment in R&D for the region

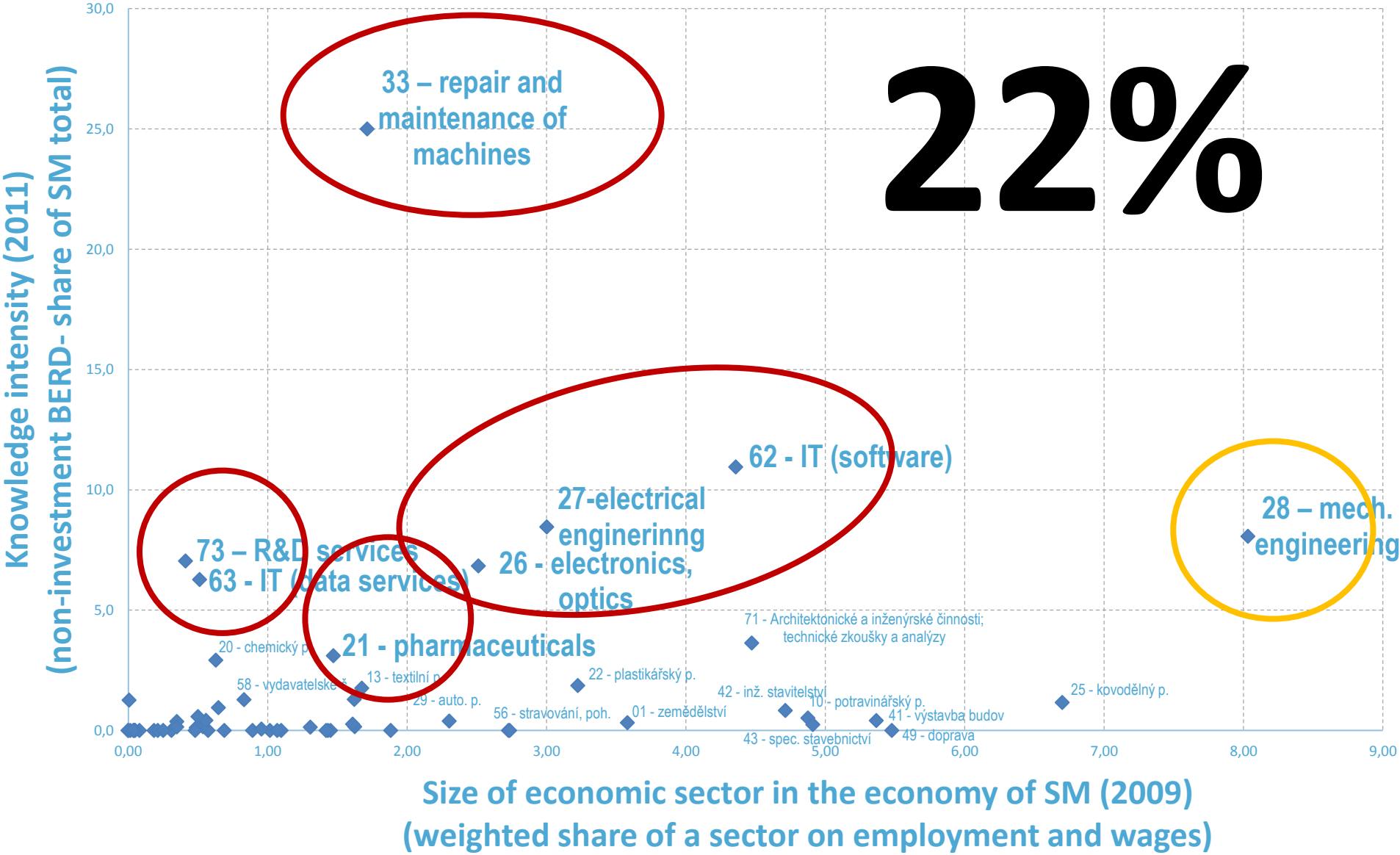
- B.2.1. Strengthen collaboration between ROs and application sector

- B.2.2. Increase commercial use of R&D results produced by ROs

Metrics:

- Licences sold, volume of contract research, joint projects with industry.

Priority application sectors of RIS SM (S3)



Vertical priorities of RIS SM (S3)

		Application sectors				
		Advanced production and manufacturing technologies	Precision and scientific instruments	SW a HW development, cognitronics, cybersecurity	Pharma, medical care and diagnostics	Technologies for aerospace
Generic knowledge domains (KETs / GPTs)	Material science					
	ICT					
	Electronics and photonics					
	Advanced manufacturing technologies					
	Biotechnology and biomedicine					
	Design a creative industries					
Societal challenges	Sustainable energy and material sources					
	Environment for high quality living					
	Social and cultural challenges					
	Healthy population					
	Secure society					

Relationship RIS SM (S3) ↔ National S3

		Key areas of application and application topics – national							Key areas of knowledge application – regional				
		Manufacturing of means of transport, sustainable and safe transport	Advanced and economical engineering and automation	Economical solutions in electronics and electrical engineering	IT services, software and IT security	Sustainable and secure production and distribution of electricity	Pharmaceuticals and health devices, methods for healthy ageing	Natural resources, sustainable agriculture, food safety and sufficiency a	Chemistry and chemical industry	Glass and ceramics manufacturing	Rubber and plastics manufacturing	Media	Textiles
Generic Knolwedge Domains (KETS + non-technological domains)	Advanced materials												
	Nanotechnology												
	Micro a nano-electronics												
	Advanced manufacturing technologies												
	Photonics												
	Industrial biotech												
	Knowledge for digital economy, cultural and creative industries												
	Socioeconomic knowledge for non-technical innovation												

What does RIS mean for grant preparation?

- **Not all research has to match with RIS priorities!**

- **Highly relevant in some specific cases:**
  - Structural Funds – OP VVV (selected calls)
  - H2020: Teaming, Twinning, ERA Chair
  - Ex: Teaming, stage 1 at SIX, FEEC BUT

What does RIS mean for a scientist?

- Consider the outer world, look for impact beyond the academic community, plan it – „who else will benefit from my work?“

- Make use the RIS „infrastructure“ to facilitate contact (industry-academia networking events, Idea Labs, TTO at MU, startup support at JIC etc.)

THANKS FOR YOUR ATTENTION

David Uhlíř

CSO, JIC

uhlir@jic.cz