

Leading Engine for Innovation and Entrepreneurship in Sustainable Energy

Innovation in Energy

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**Thematic Field Leader in KIC InnoEnergy,
Clean Coal & Gas Technologies.**





**AKADEMIA GÓRNICZO-HUTNICZA
IM. STANISŁAWA STASZICA W KRAKOWIE**

Established in 1913/1919

A Technical University with one hundred years tradition in R&D and **36 000 students**.

The University in numbers:

- Number of total staff : 4 151
- Number of research staff: ~2000
- 454 full or associate Professors

...but even more important, the results:

~50% of budget from projects

1st Place in the Innovational Ranking for Higher Education in Poland

1-2 Place in number of Patent applications in Poland.



Largest number of patent applications



centrum transferu technologii
Akademii Górniczo-Hutniczej
im. Stanisława Staszica w Krakowie



INNOAGH Sp. z o.o.
KRAKOWSKIE CENTRUM INNOWACYJNYCH TECHNOLOGII

Largest number of patents applied



12 technical spin-offs in the last 2 years



The Leading Engine for Innovation and Entrepreneurship in Sustainable Energy

EU financed unit supporting Business Opportunities in Sustainable Energy





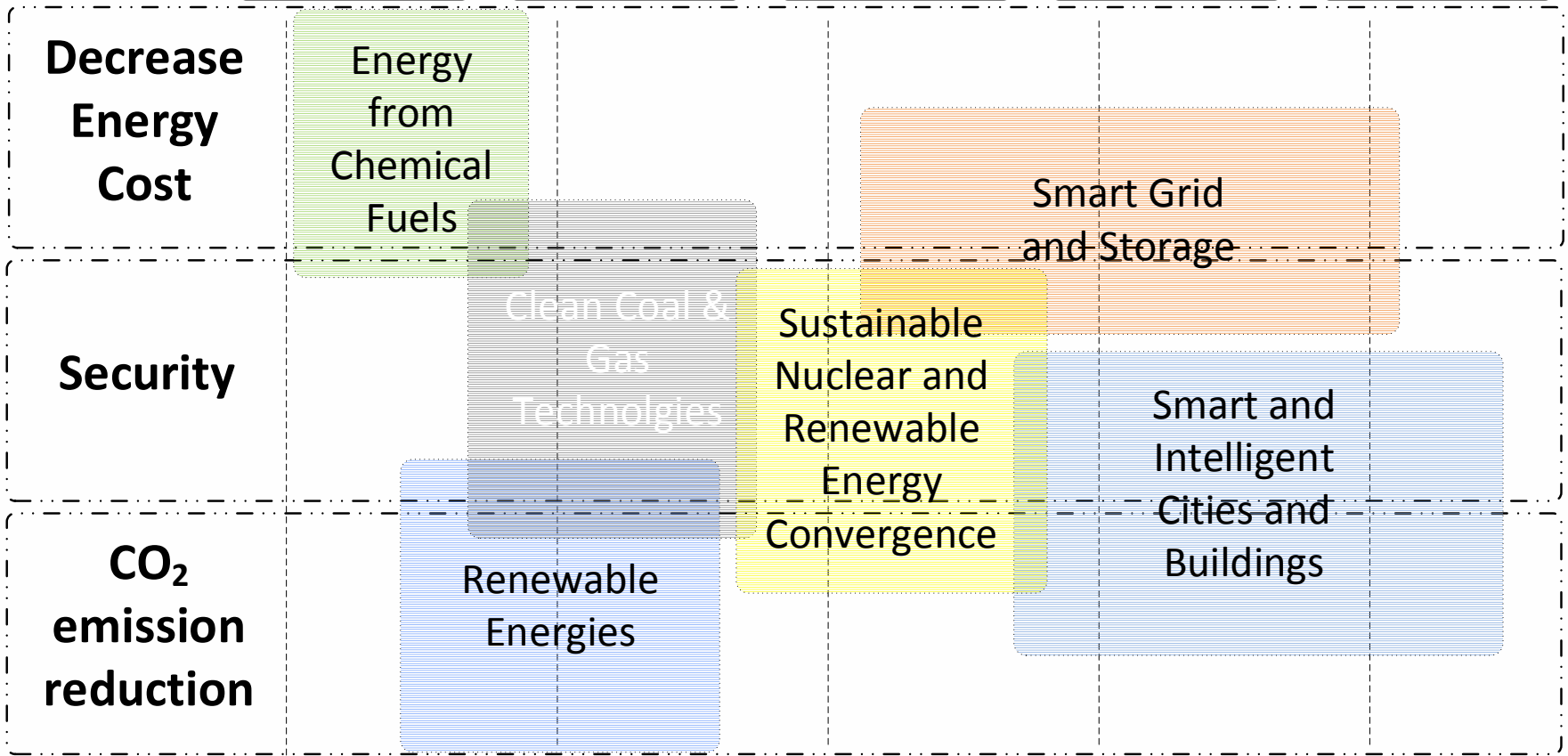
- 27 shareholders
- 200+ partners
- 300 m € Total Budget (in 2014)

Output:
400 Graduates/year
68 innovation Projects
70+ Startups

Energy Value Chain

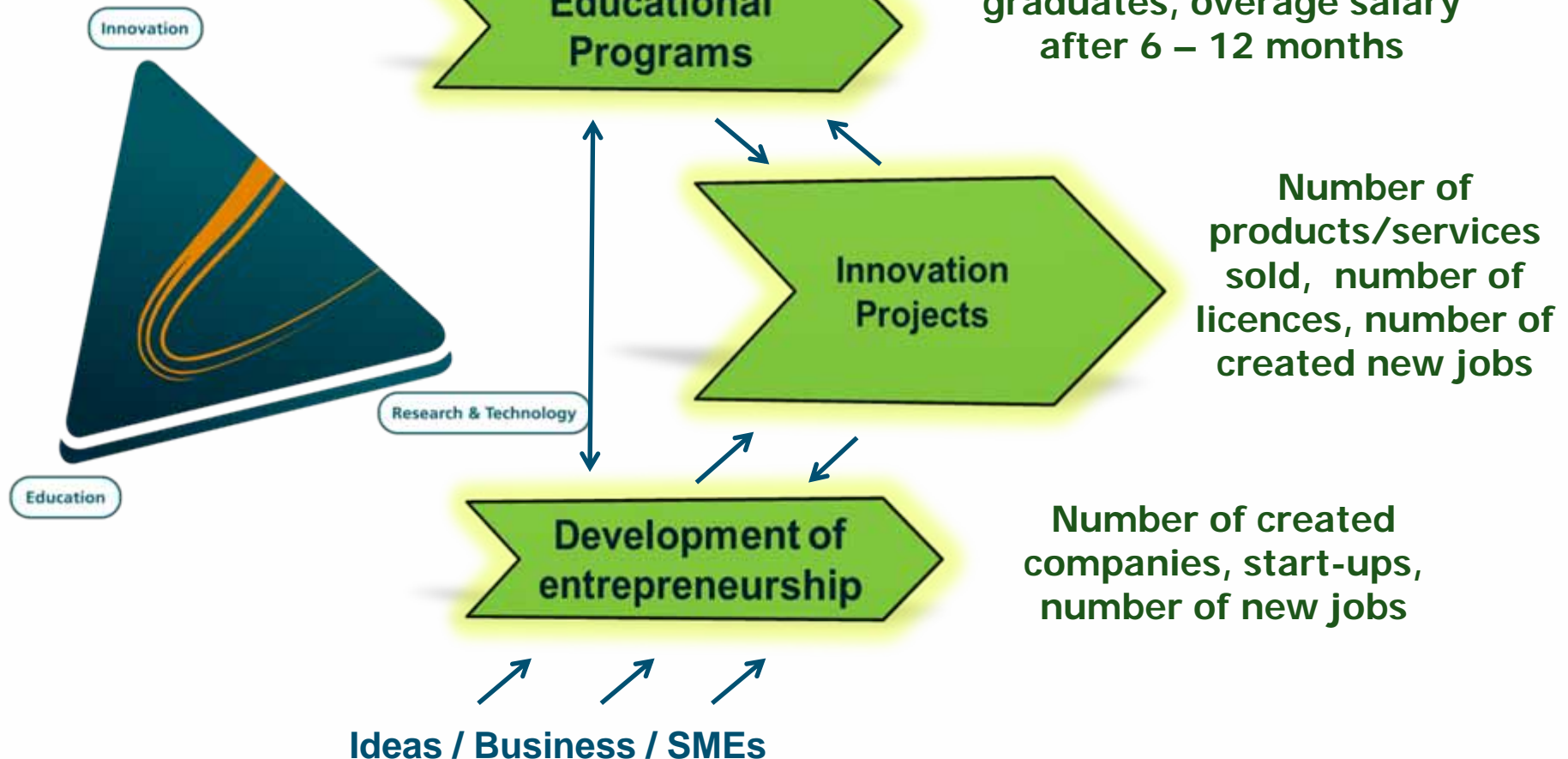


Objectives



Students / Professors / Universities

KIC InnoEnergy KPI's



KIC InnoEnergy offer for partners

Benefits from cooperation w.r.t. sector



For every partner

SPECIFIC FOR SECTOR

Transparent ROI rules

50 k Euro for market analysis

Market/business oriented

Dynamic management of project portfolio



R&D and Universities:

Knowledge to money transfer

Industry engagement

U2B Agent



Business:

New product/service

Decrease of investment risk

Trusted net of partners



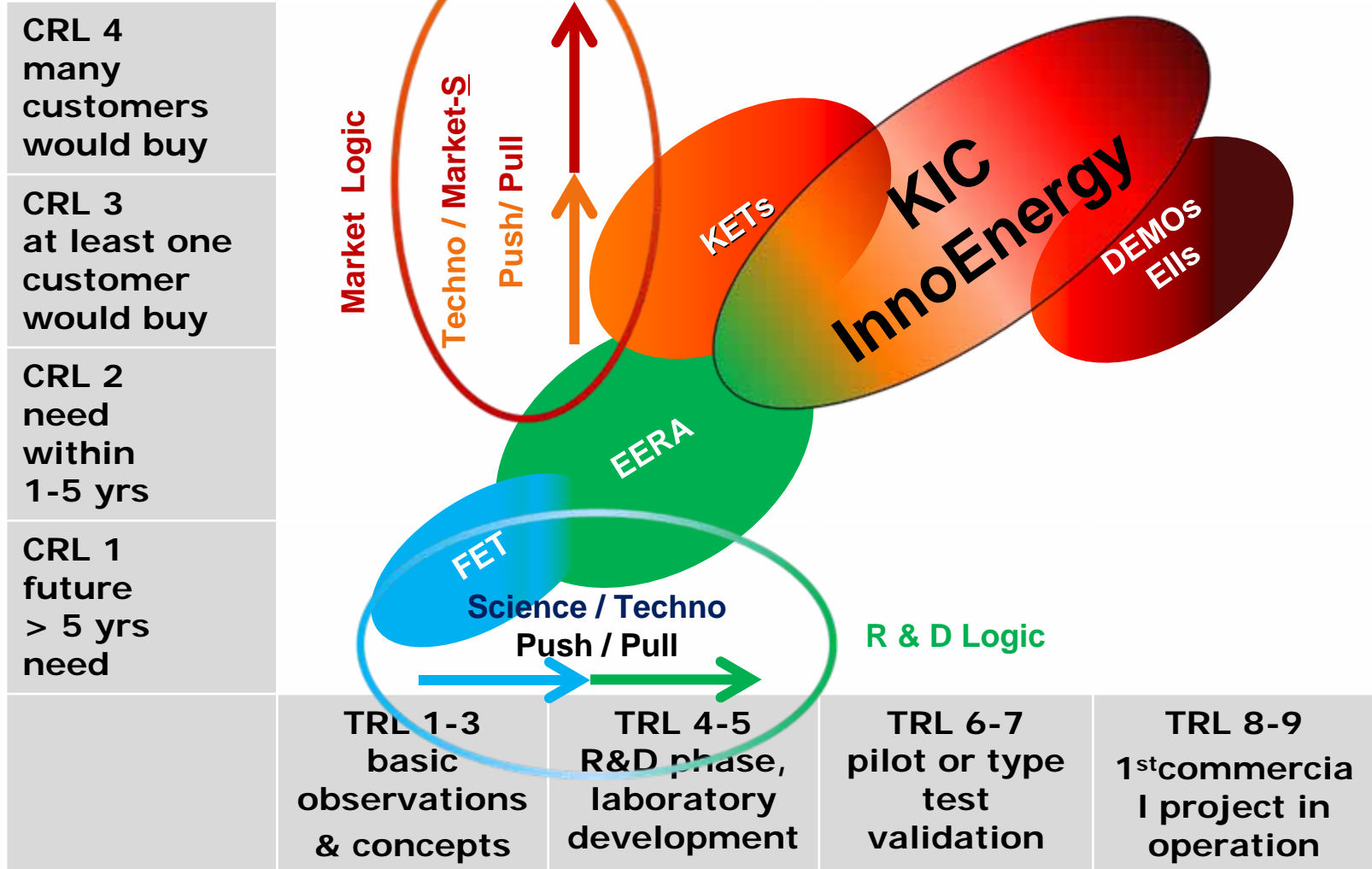
SMEs:

Integrated support

Decrease of investment risk

Acceleration of time to market

Customer Readiness Level



Technology Readiness Level

Other questions to consider:

- Is the market ready?
- Will the consumers really pay for my technology?
- Is the society ready, can people be resistant?
- Is there any potential IPR conflict?
- Is my IPR fully protected and clearly described?



The **Technology Readiness Level** measures the maturity of a given technology.

The **IP Readiness Level** measures the “*freedom to operate*” of a given product/service.

The **Market Readiness Level** measures the maturity of a given need in the market.

The **Consumer Readiness Level** identifies the level of knowledge about the consumer and to what extent affects the product/service to this consumer.

The **Society Readiness Level** identifies the level of knowledge about the stakeholders’ interests and concerns and to what extent affects the product/service to the society.

- **22 business ideas** with external investments at least **500 000 EUR**;
- **45 new ventures** in business creation pipeline supported by KIC InnoEnergy;
- **3,2 m EUR** of new investments by business created by KIC InnoEnergy;
- **62 innovation projects** currently running in all thematic areas;
- **30 patents** registered, and **15 new products and services** delivered to market, **110 companies** engaged in innovation projects;
- **2000 applicants** for education within KIC InnoEnergy framework, currently about **400 students**.



www.kic-innoenergy.com

