

Jak zostać Regionem Wiedzy i Innowacji

7. PROGRAM RAMOWY UE 2007-2013

**ANDRZEJ SIEMASZKO
KRAJOWY PUNKT KONTAKTOWY
PROGRAMÓW BADAWCZYCH UE**



7 Program Ramowy UE – 52 721 mln EUR

(54.6 mld EUR w cenach bieżących)

Cooperation – 32 365 mln EUR

	health	food Agri bio	ICT	nano materials production	energy	environ	transport	socio- econom human.	security and space
budget mln euro	6 050	1 935	9 110	3 500	2 300	1 900	4 180	610	1 350 1 430

Ideas People

Capacities 4 217 mln EUR

JRC

ERC	Marie Curie	Research infrastr	SMEs	Regions of knowledge	Research potential	Science in society	Research policies	Internati onal Research	JRC
7 460	4 728	1 850	1 336	126	370	280	70	185	1 751

Euroatom – 2 700 mln EUR

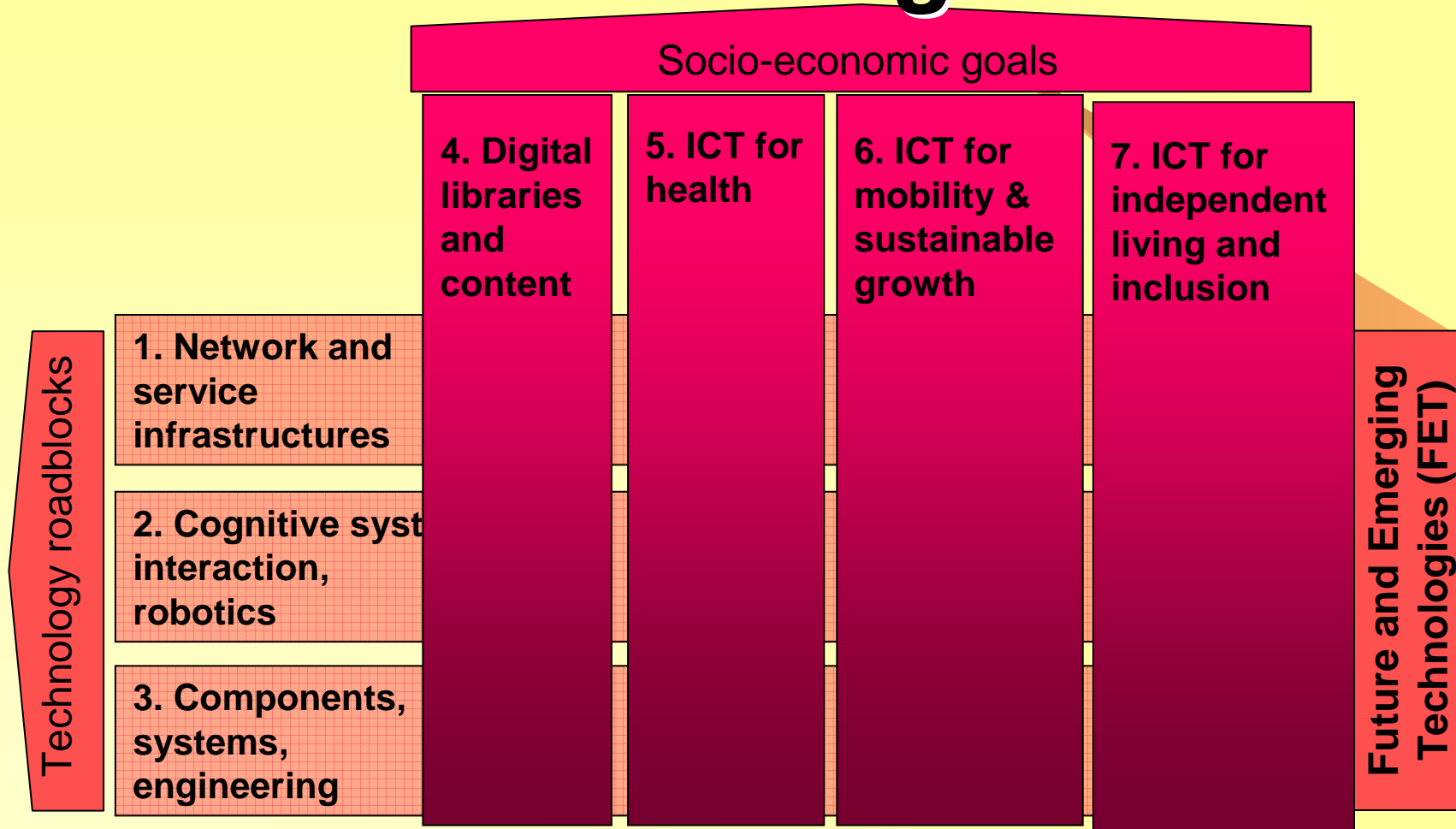


ICT – The largest priority theme of FP7

- ICT Technology Pillars
 - pushing the performance and functionality of technology
- Integration of Technologies
 - integrating multi-technology sets that underlie new services
- Applications Research
 - providing the knowledge and the means to develop a wide range of innovative ICT applications
- Future and Emerging Technologies
 - supporting research at the frontier of knowledge



Work Programme 2007 *Challenges*



Challenge 4: Digital libraries and content

- Growing load of information and content and increasing demands for knowledge and skills
 - in less than 10 years, the average person will be managing terabytes of videos, music, photos, and documents every day
 - digital content production | consumption: from “few-to-many” to “many-to-many” models
- Today’s technology provides limited tools for access/interaction, development/creation, delivery/diffusion and preservation of content & knowledge
- Europe, with its unique cultural heritage and creative potential, is well placed to take advantage of technology developments and their use



Challenge 5: Towards sustainable and personalised healthcare

- Rising demands on healthcare
 - by 2050 close to 40% of the Union's population will be over 65 years
 - growing expectations of citizens for better care
 - increasing mobility of patients and health professionals
 - need to respond to risks for emerging diseases
- By 2010, ICT for Health spending may account for up to 5% of the EU's total health budget, up from just 1% in 2000
 - need to access, understand and securely manage huge amounts of health information
- ICT is also supporting progress in medical research and a shift towards evidence-based medicine
- European businesses have every opportunity to become leading global players in the new ICT for Health industry



Challenge 6: ICT for Mobility, environmental sustainability and energy efficiency

- Growing demand for transport services
 - more congestion, higher energy consumption, pollutant emissions
- Accidents causing fatalities and injuries
 - over 40.000 fatalities on the EU roads every year
- Increasing demand for natural resources
 - 1-2% per year for energy and growing water consumption
- Natural and industrial disasters has doubled in one decade
 - killing 500.000 people and causing 700 billion of damage
- Europe's industry is one of the most competitive
 - automotive, transportation, civil protection, equipment supply ...



Challenge 7: ICT for Independent Living and Inclusion

- Between 1998 and 2025 the proportion of the population classified as elderly will increase from 20% to 28%
 - more people with high disability rates
 - smaller productive workforce
- Need for a paradigm shift in health and social care and new requirements for inclusion, accessibility and usability
- Complexity and lack of accessibility and usability of many ICT-based products and services is a major barrier for many people
- A major economic opportunity for European industry

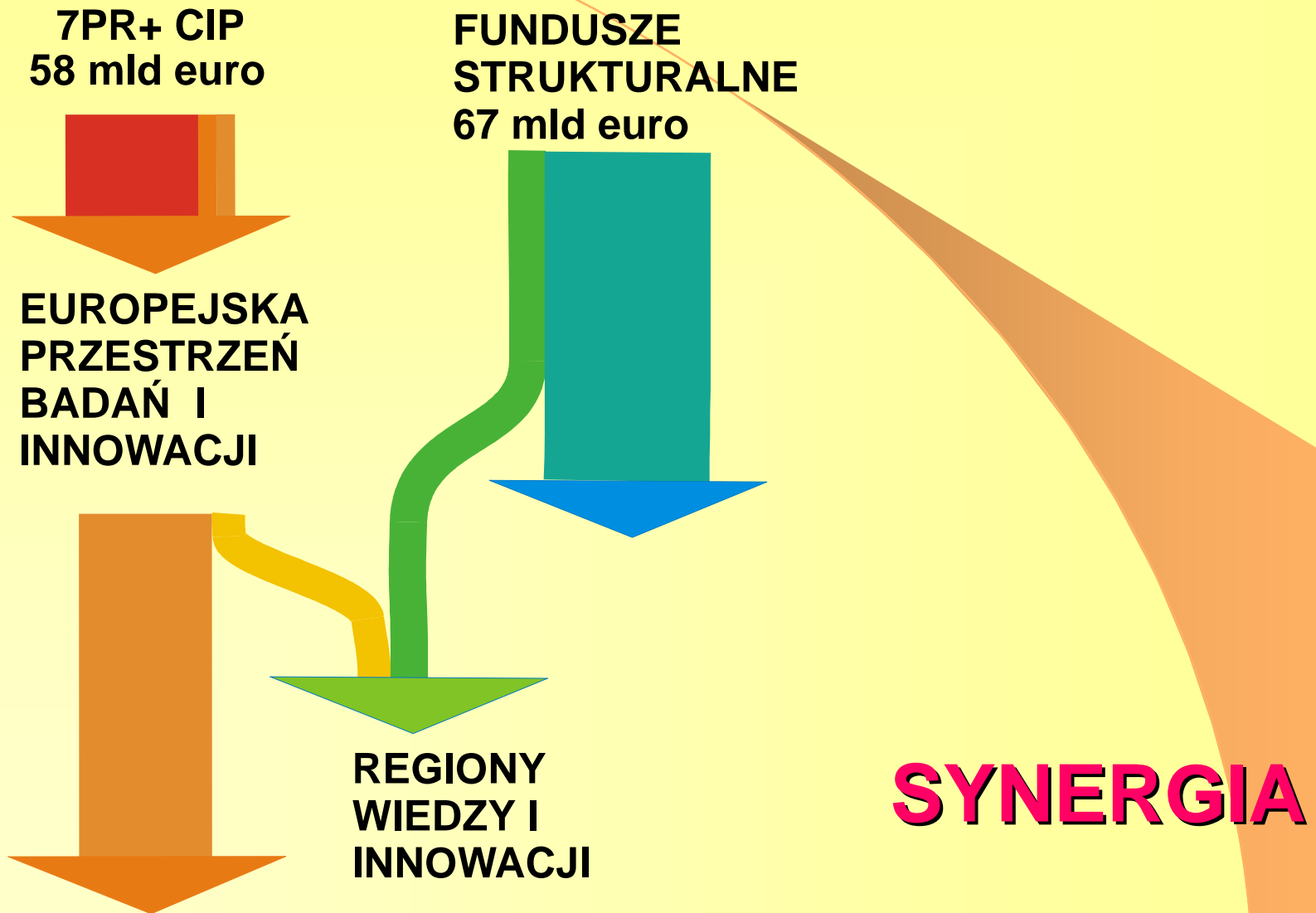


FP7 Capacities (Możliwości)

- Research Infrastructures
- Research for the benefit of SMEs
- Regions of Knowledge (Regiony Wiedzy i Innowacji)**
- Research Potential
- Science in Society
- Activities of International Cooperation

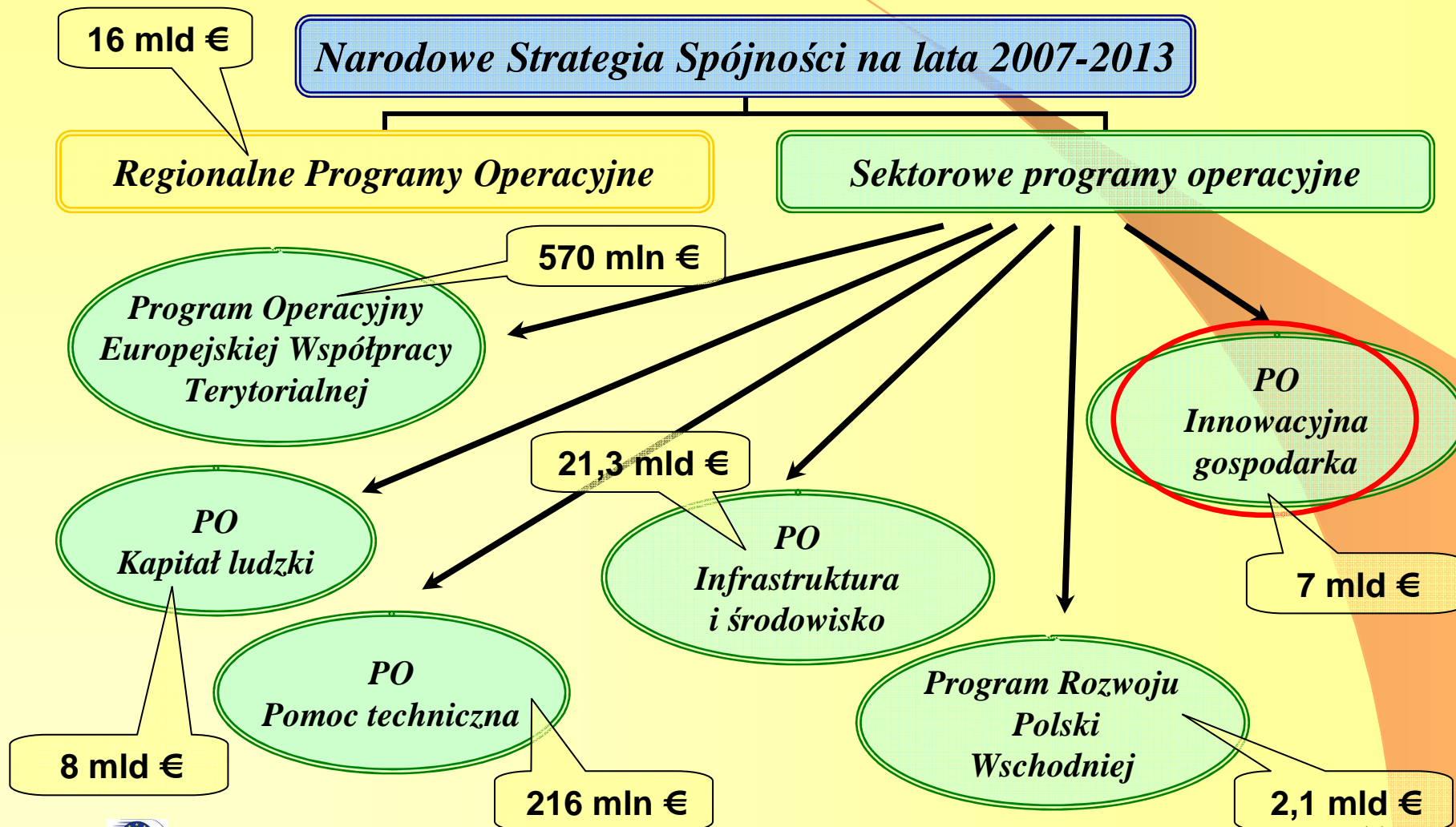


Regiony Wiedzy i Innowacji

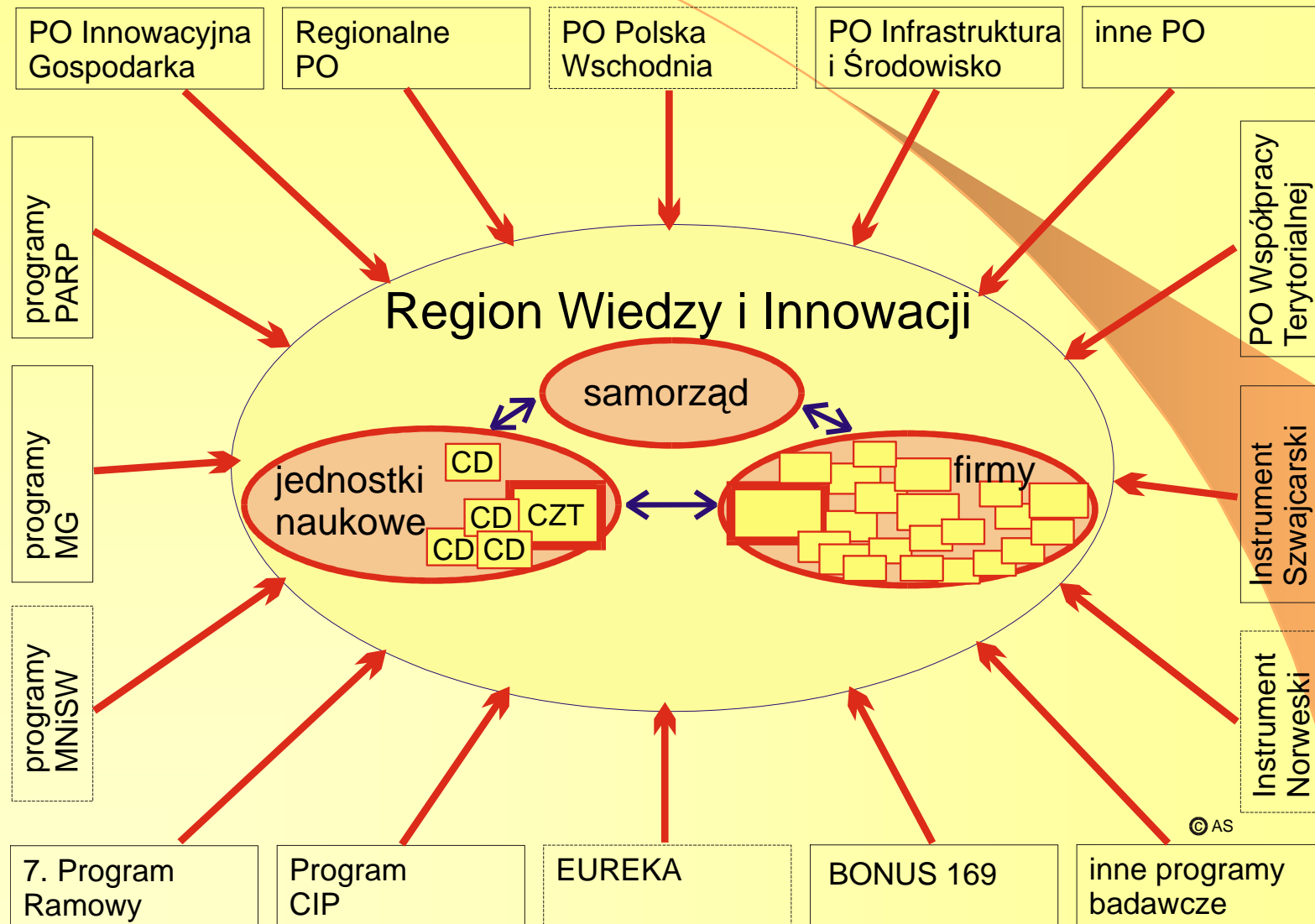


Fundusze strukturalne

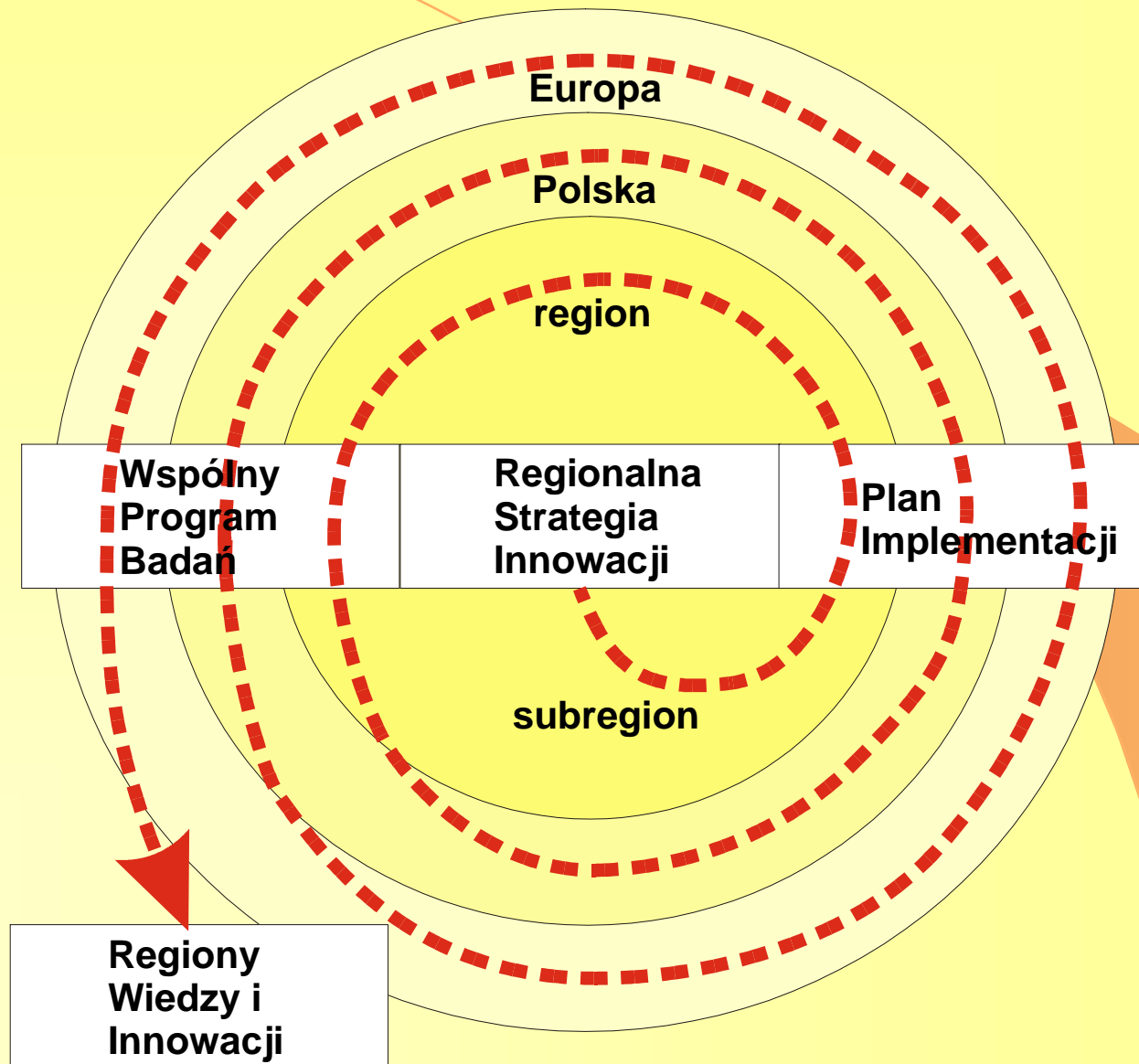
(perspektywa budżetowa 2007-2013)



Możliwości finansowania rozwoju Regionu Wiedzy i Innowacji



Spiralna, sekwencyjna integracja od RIS do Regionu Wiedzy i Innowacji



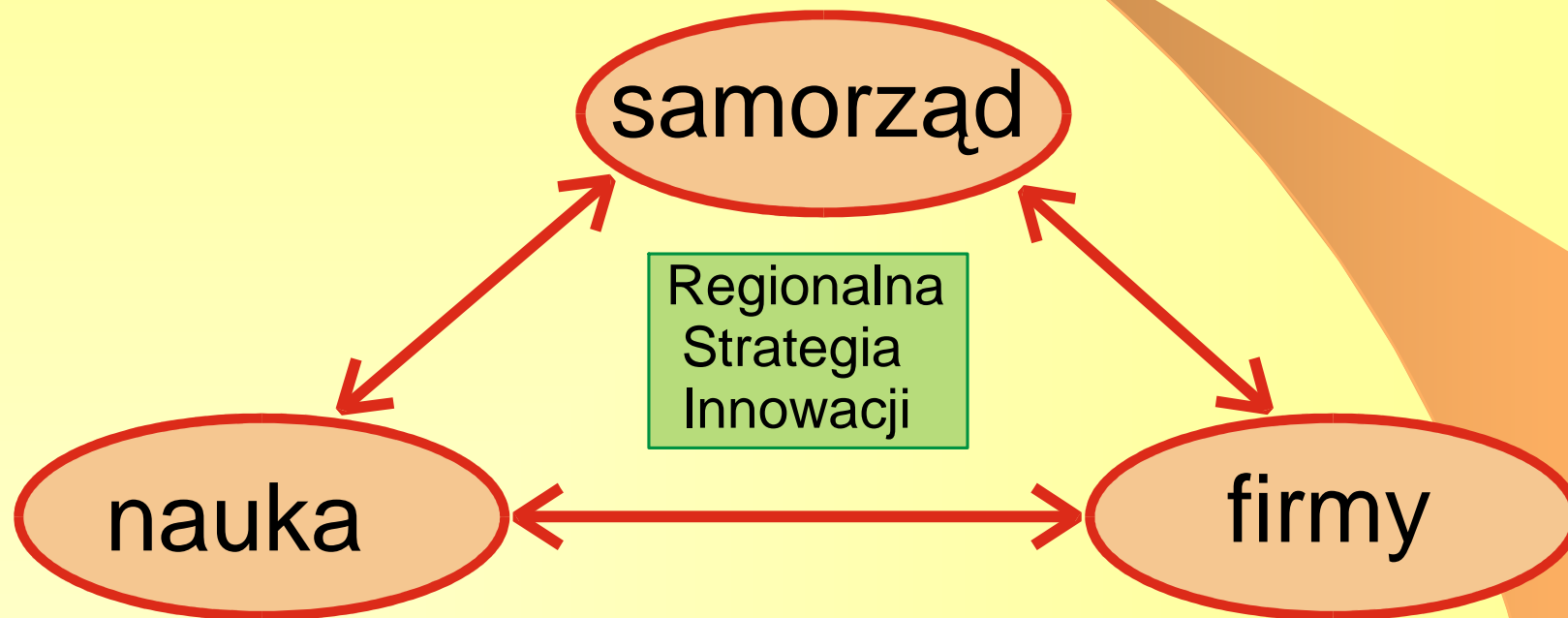
Fazy budowy Regionu Wiedzy i Innowacji

- **Weryfikacja i modyfikacja Regionalnej Strategii Innowacji**
- **Budowa struktury implementacyjnej i opracowanie planu działania**
- **Budowa potencjału**
- **Faza integracji**
- **Budowa sieci ponadregionalnych**



Regionalne Strategie Innowacji

1. faza weryfikacji i modyfikacji Regionalnej Strategii Innowacji

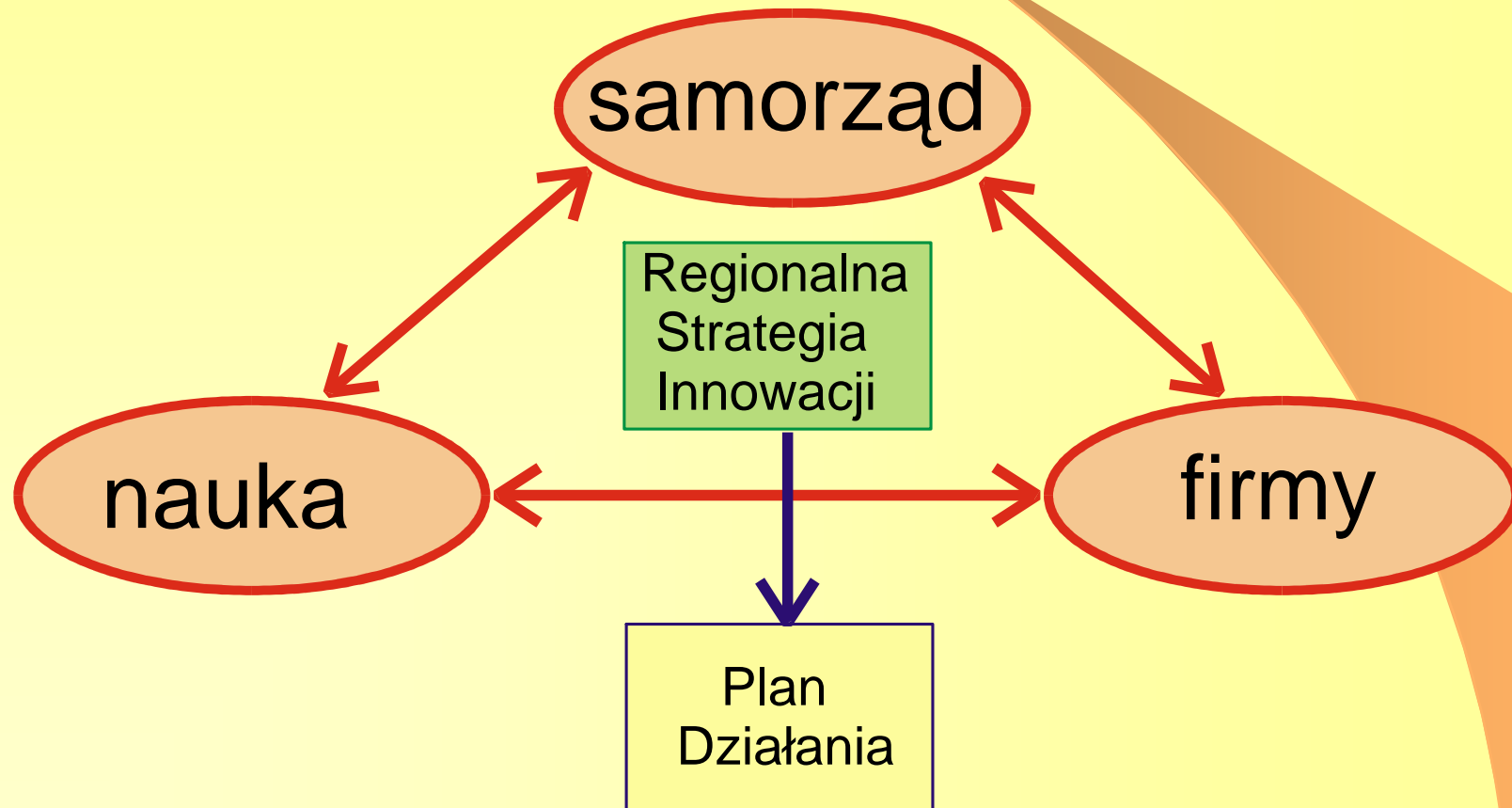


ZŁOTY TRÓJKĄT



Regionalne Strategie Innowacji

2. faza budowy struktury implementacyjnej i opracowania planu działania



Infrastruktura Regionów Wiedzy i Innowacji

3. faza budowy potencjału

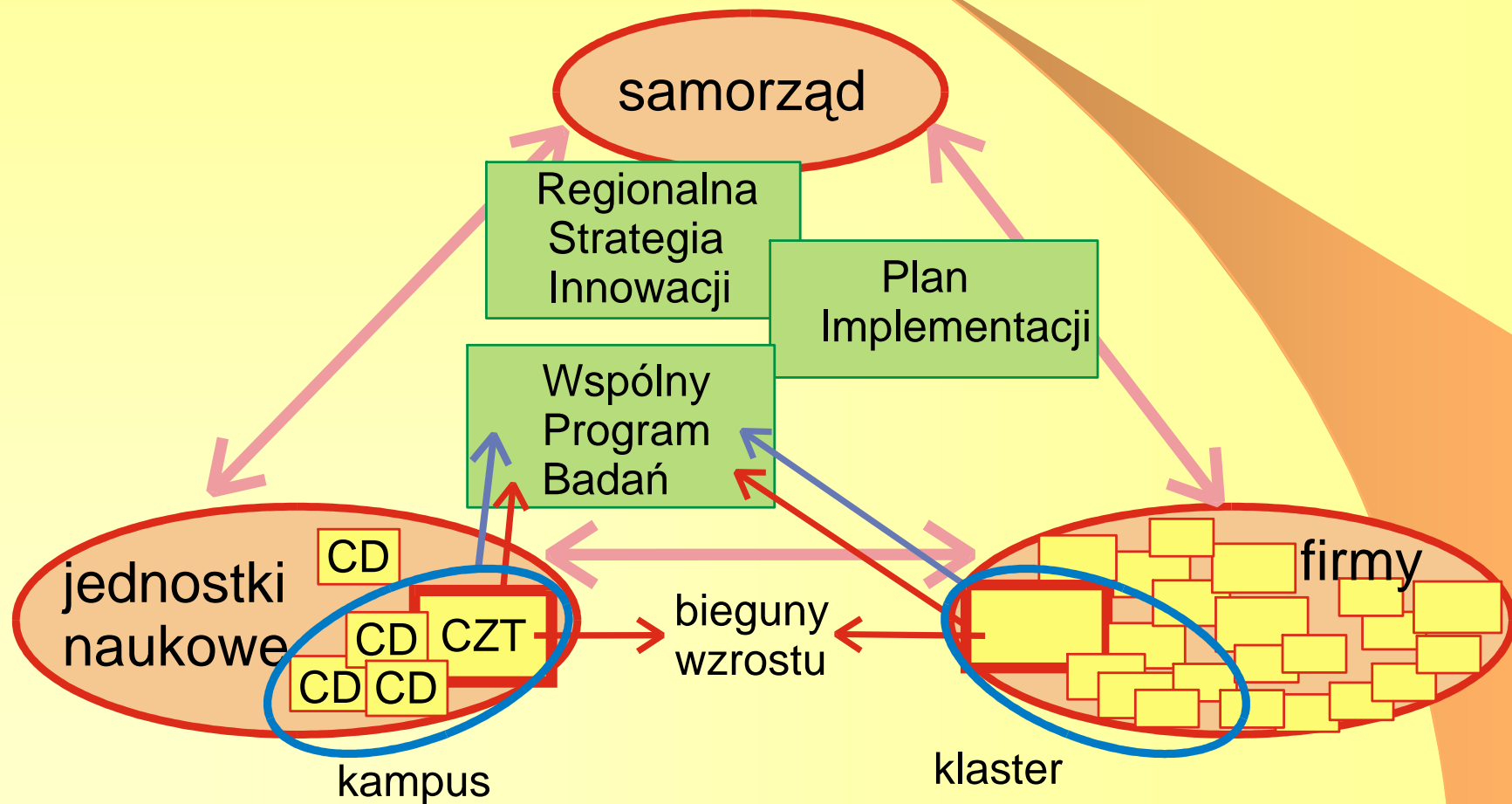


- Centers of Advanced Technology
- Technological Parks
- ◆ Centers of Excellence
- Business incubators
- ▲ National Innovation Network



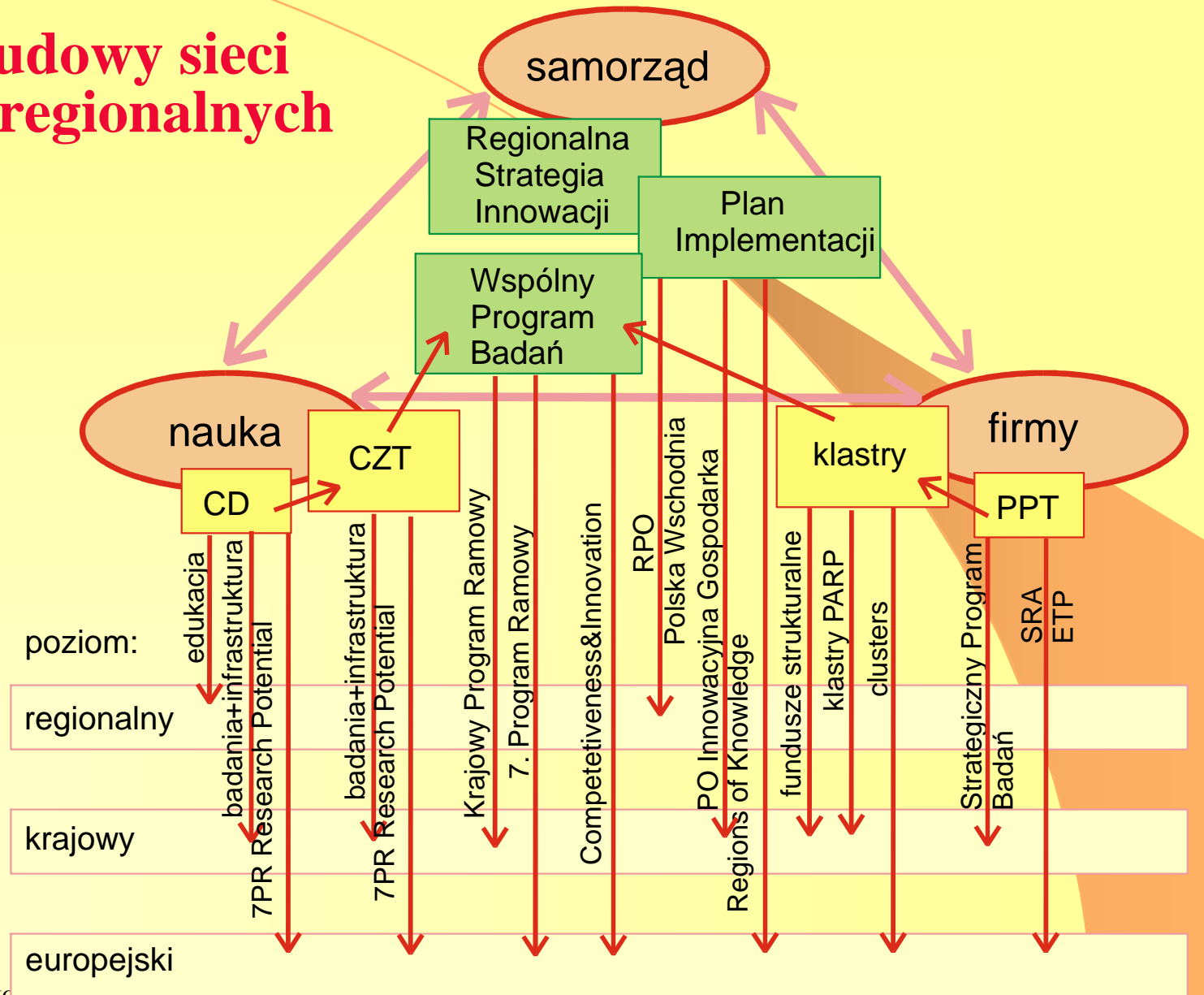
Regiony Wiedzy i Innowacji

4. faza integracji

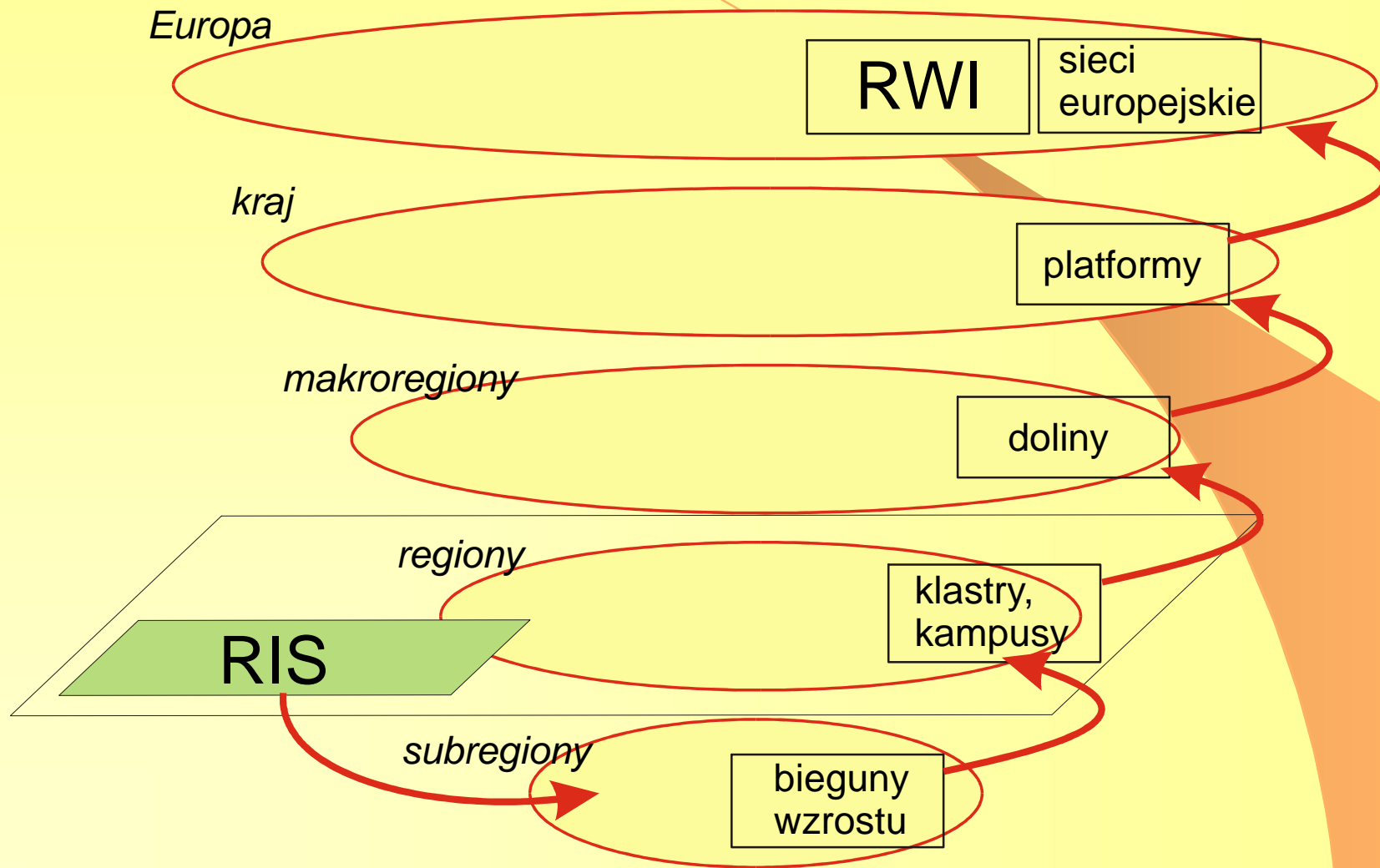


Regiony Wiedzy i Innowacji

5. faza budowy sieci ponadregionalnych



Poziomy integracji inicjatyw technologicznych i innowacyjnych



Uczestnicy w 6PR

1600 uczestników



A.Siemaszko

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Polish Platform on Mobile Communications and Wireless Technology

1. Aqurat sp. z o.o.
2. Atena sp. z o.o.
3. ATM S.A.
4. AutoGuard & Insurance sp. z o.o.
5. Avantis sp. z o.o.
6. Bellstream sp. z o.o.
7. Comarch S.A.
8. Globema sp. z o.o.
9. Infotron sp. z o.o.
10. Infovide S.A.
11. Poznan Technical University
Institute of Computer Sciences
12. Telecommunications Institute
13. Polish National Contact Point
(observer)
14. Logotec Engineering S.A.
15. Microsoft sp. z o.o.
16. Most Foundation
17. Multis Multum Foundation
18. One-2-One sp. z o.o.
19. One2Tribe sp. z o.o.
20. ONET
21. PiliT
22. PPWK GeoInvent sp. z o.o.
23. Prokom Software S.A.
24. PTC ERA
25. Siemens sp. z o.o.
26. Softbank Serwis
27. Softman
28. Szkoła Główna Handlowa
29. Telechem sp. z o.o.
30. Trusted Information Consulting
sp. z o.o.

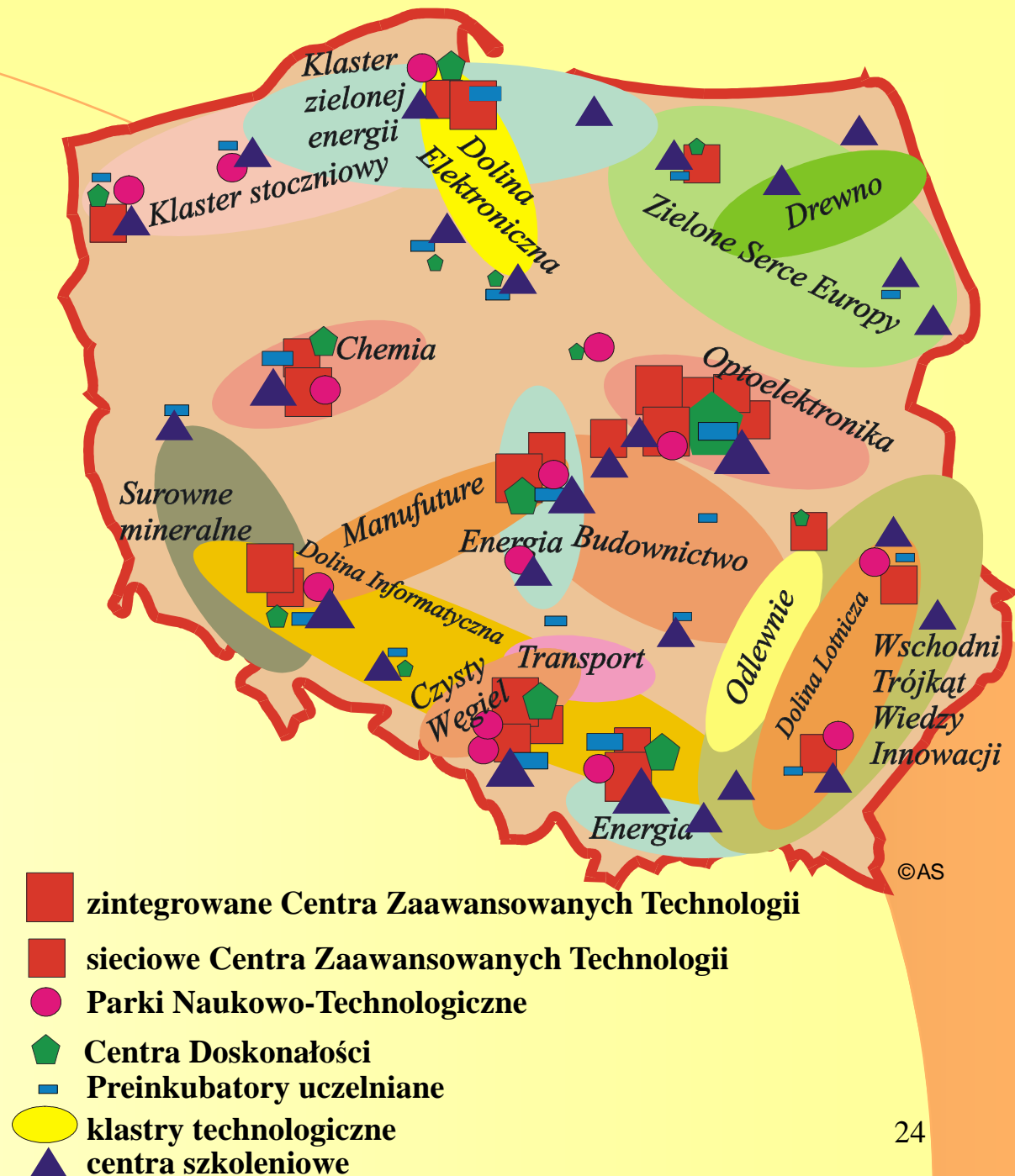


Polish Technology Platform in Information Technologies

1. ATM SA
2. Bonair SA
3. Computerland SA
4. Consortia Sp. z oo
5. Ericpol Telecom Sp. z oo
6. Instytut Podstawowych Problemów Techniki Polskiej Akademii Nauk
7. Naukowa Akademicka Sieć Komputerowa
8. Polska Izba Informatyki i Telekomunikacji
9. Polska Telefonía Cyfrowa Sp. z oo
10. Prokom Software SA
11. Rodan Systems SA
12. Systemy Komputerowe Głóvka SA



cel: Gospodarka Oparta na Wiedzy



dziękuję za uwagę

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