



THE SK CRIS SYSTEM AND A R&D DATA INTEGRATION

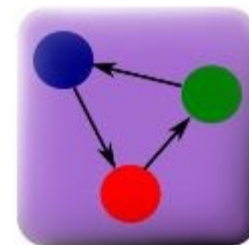
DANICA ZENDULKOVÁ, CVTI SR

EUROCRIS STRATEGIC MEMBERSHIP MEETING, 20-22 NOVEMBER 2017, BRATISLAVA, CVTI SR



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„EUROPEAN INTEGRATED RESEARCH INFORMATION E-INFRASTRUCTURE IS ... IN FULL ALIGNMENT WITH THE CURRENT POLICY CONTEXT IN THE EUROPEAN UNION...

WE CONCLUDE THAT A EUROPEAN INTEGRATED RESEARCH INFORMATION INFRASTRUCTURE IS TECHNICALLY FEASIBLE, THANKS TO RECENT TECHNOLOGICAL DEVELOPMENTS AND ESPECIALLY THE MATURITY OF THE EUROPEAN **CERIF** STANDARD “



Measuring scientific performance for improved policy making. Study IP/A/STOA/FWC/2008-096/Lot8/C1/SC13.

April 2014, Brussels, © European Union, 2014, ISBN 978-92-823-5531-2. Online:

[http://www.europarl.europa.eu/stoa/cms/home/publications/studies?reference=IPOL-JOIN_ET\(2014\)527383](http://www.europarl.europa.eu/stoa/cms/home/publications/studies?reference=IPOL-JOIN_ET(2014)527383)

IN THE BEGINNING WERE

... some isolated information and data sources:



R&D Projects database

Central Register of
Publication Activity

R&D Organisations
database

Central Register of
Theses and Dissertations



Information System of
Slovak Academy of Sciences

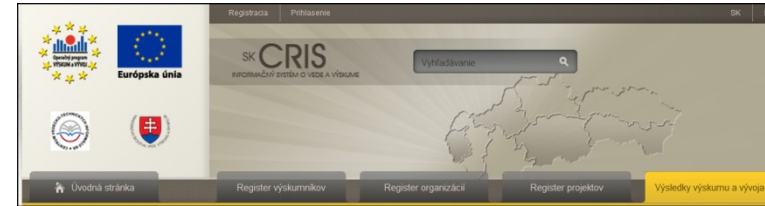
Information System of
Slovak Research and
Development Agency

Grant Agencies of Ministry of
Education, Science, Research and
Sport of Slovak Republic

but in year 2013...

...the SK CRIS was born

LET'S INTRODUCE...



- GUARANTEE: MINISTRY OF EDUCATION, SCIENCE, RESEARCH AND SPORT
- SUPPLIER: INTERWAY S.R.O
- PROVIDER: CVTI SR/SCSTI
- CO-FINANCED BY EU STRUCTURAL FUNDS
- SCOPE: NATIONAL INFORMATION SYSTEM
- DATA FORMAT: CERIF 1.3
- PUT INTO OPERATION: 2013
- URL: [HTTPS://WWW.SKCRIS.SK](https://www.skcris.sk)

 **MINISTRY**
OF EDUCATION, SCIENCE,
RESEARCH AND SPORT
OF THE SLOVAK REPUBLIC



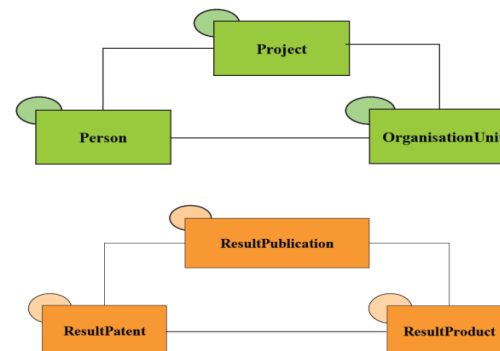
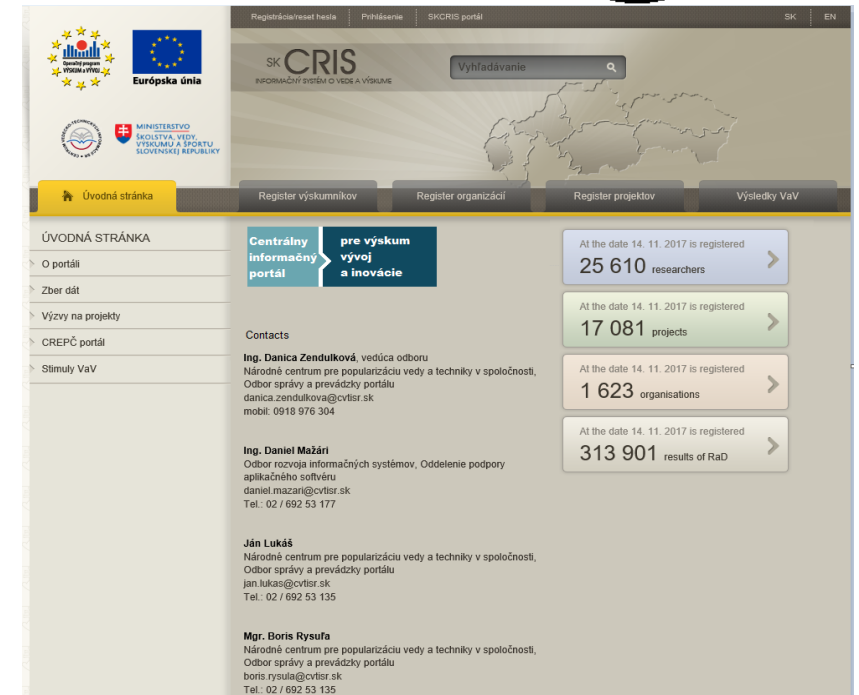
THENCEFORTH...



- THE SK CRIS BECAME A NATIONAL R&D DATA INTEGRATOR
- DATA INTEROPERABILITY PROCESS GOES ON
- INTENTION: IMPROVE DATA COMPLEXITY AND QUALITY
- THE AIM: INTERNATIONAL R&D DATA COMPATIBILITY

SK CRIS CONTENT

- RESEARCHERS
- R&D PROJECTS
- ORGANISATIONS
- ASSESSMENT OF COMPETENCE TO PERFORM RESEARCH AND DEVELOPMENT
- ADDITIONNAL STATISTICAL SURVEY OF RESEARCH AND DEVELOPMENT POTENTIAL
- R&D RESULTS



-

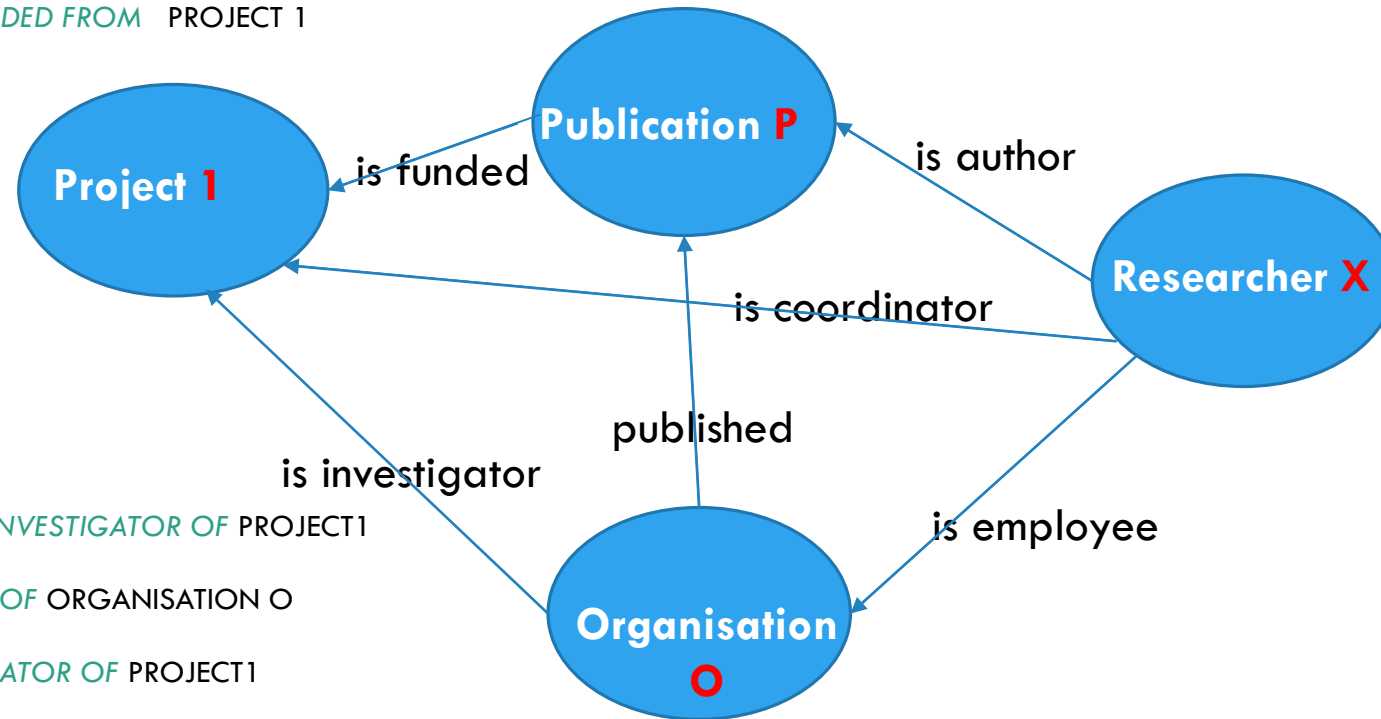
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CERIF – SEMANTICS (EXAMPLE)

EXPERT X *IS AUTHOR* OF PUBLICATION P

ORGANISATION O *IS PUBLISHER* OF PUBLICATION P

PUBLICATION P *IS FUNDED FROM* PROJECT 1



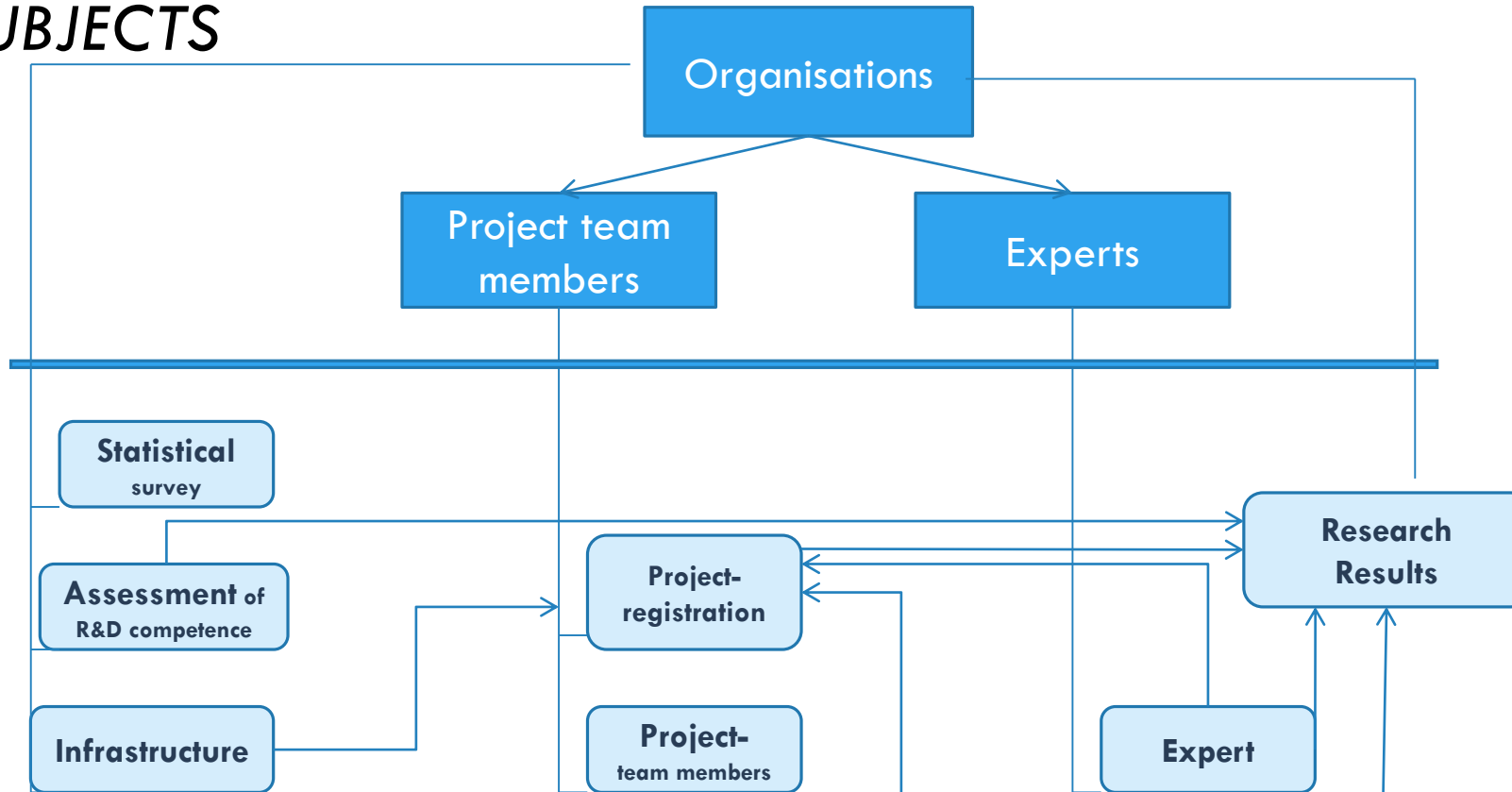
ORGANISATION O *IS INVESTIGATOR OF* PROJECT 1

EXPERT X *IS EMPLOYEE OF* ORGANISATION O

EXPERT X *IS COORDINATOR OF* PROJECT 1

SK CRIS – DATA COLLECTION STRUCTURE

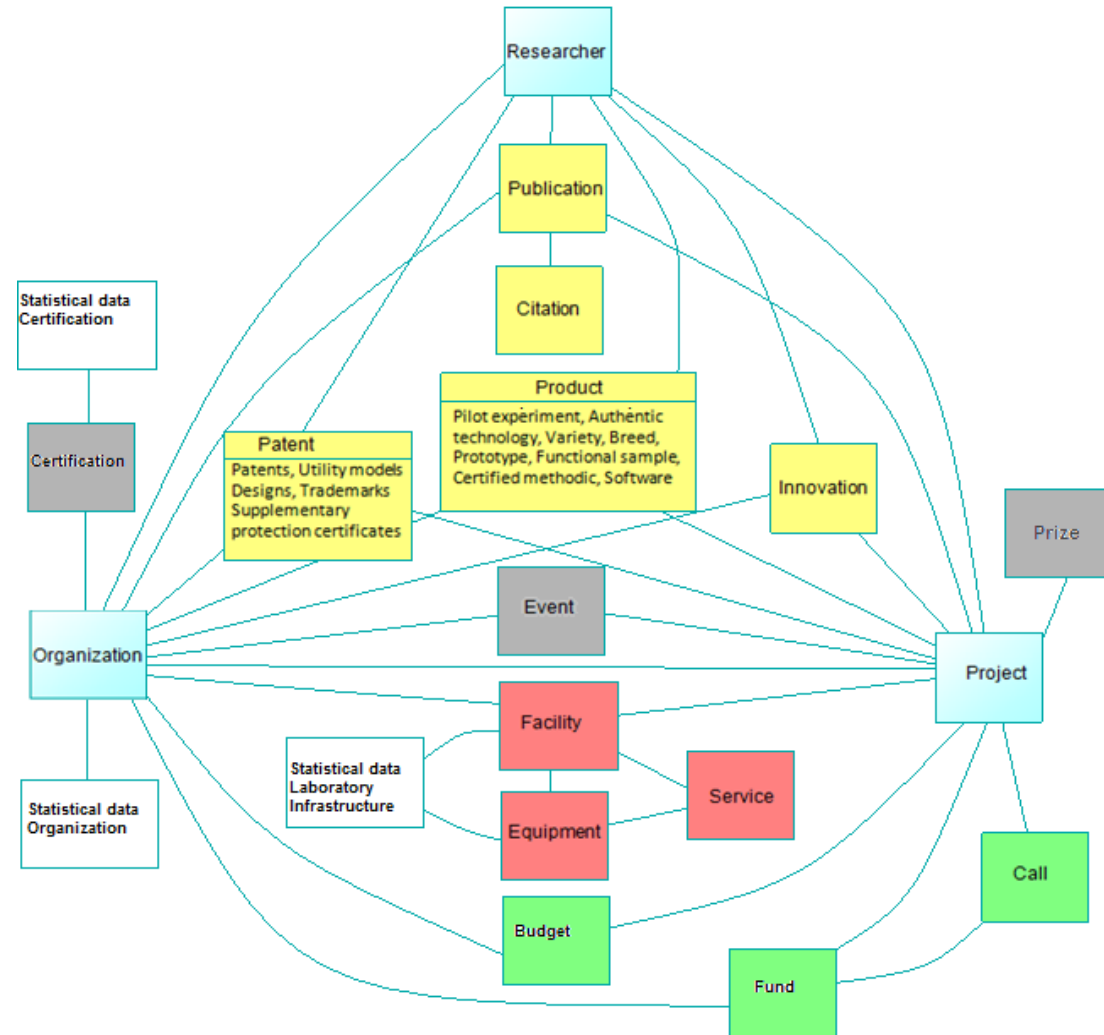
SUBJECTS



DATA



SK CRIS DATA MODEL



DATA INTEGRATION - OVERVIEW

Organisation	Integrated data
Slovak Academy of Science	Projects VEGA, international cooperation
	Publication activity
	Researchers employed on SAS
Slovak Research and Development Agency	Projects
Ministry of Education, Science, Research and Sport of Slovak Republic	Projects VEGA
	Projects KEGA
	CRPA
	Researchers employed on Universities
Research Agency	Projects OP R&D (2007-2013)
	Projects OP R&I (2014-2020)

DATA INTEGRATION - PROJECTS



AGENTÚRA
NA PODPORU
VÝSKUMU A VÝVOJA

Zoznam financovaných projektov:

Číslo projektu	Názov projektu	Príjemca	Schválená podpora v €	Výzva	Vedný odbor	ZK projektu*
APVV-0015-12	Energetické zhodnotenie alternatívnych palív vyrobených z obnoviteľných zdrojov energie v piestových spaľovacích motoroch	Strojnícka fakulta STU	249 983.00	VV 2012	Technické vedy	-
APVV-0088-12	Magnetické nanoelementy pre energeticky nezávislé pamäte a mikrovlnné aplikácie	Elektrotechnický ústav SAV	249 780.00	VV 2012	Technické vedy	-
APVV-0286-12	Proteosyntéza a bioenergetika v mitochondriách trypanozomatíd a euglén	Prírodovedecká fakulta UK	106 953.00	VV 2012	Prírodné vedy	-



SK CRIS

INFORMAČNÝ SYSTÉM O VEDE A VÝSKUME

Energetické zhodnotenie alternatívnych palív vyrobených z obnoviteľných zdrojov energie v piestových spaľovacích motoroch

Energia symetrie v štruktúre jadrovej hmoty

Inovatívne, energeticky efektívne organické LED štruktúry integrovateľné v osvetľovacích a zobrazovacích aplikáciách

Látkovo-energetické cykly ako indikátory disturbancií terrestrických ekosystémov

Magnetické nanoelementy pre energeticky nezávislé pamäte a mikrovlnné aplikácie

DATA INTEGRATION 2 : WE WANT KNOW...

- IS THE PUBLICATION A RESULT OF ANY PROJECT?
- WHICH PUBLICATIONS WERE PREPARED IN SCOPE OF PROJECT X?
- WE CAN NOT FOUND IT IN BIBLIOGRAPHIC DATABASE CRPA...
- **BUT:**
- WE DO NOT WANT TO ENTER DATA TWICE (TO CRPA AND TO SK CRIS)
- **SOLUTION: INTEGRATION**



DATA INTEGRATION - PUBLICATIONS

AFH : Výskyt bronchogénneho karcinómu s ohľadom na expozíciu chrómu a fajčenie / Halašová Erika, Kavcová Elena, Ondrušová Martina, Letková Lucia, Bukovská Eva, Rozborilová Eva.
In: 5. Haťákové dni. - Martin : Jesseniova lekárska fakulta Univerzity Komenského, 2009. - ISBN 978-8088866-62-6. - S. 30.

User settings Researcher personal space

SK CRIS > Erika Halašová > Personal space > Publications

User Publications

Add CREPC import

Import CREPC - publications

Choose publication:

DNA repair genes polymorphism and lung cancer risk with the emphasis to sex differences

Význam a využitie miRNA v diagnostike a terapii nádorových ochorení

Výskyt bronchogénneho karcinómu s ohľadom na expozíciu chrómu a fajčenie

Význam genetických polymorfizmov GST pri vzniku adenokarcinómu a spinocelulárneho karcinómu pľúc

Polymorfizmus rs1800734 mismatch reparačného génu hMLH1 a riziko karcinómu pľúc

Molekulárna biológia vzniku a rozvoja bronchoalveolárných karcinómov

Detail

Detail

Detail

Detail

Detail

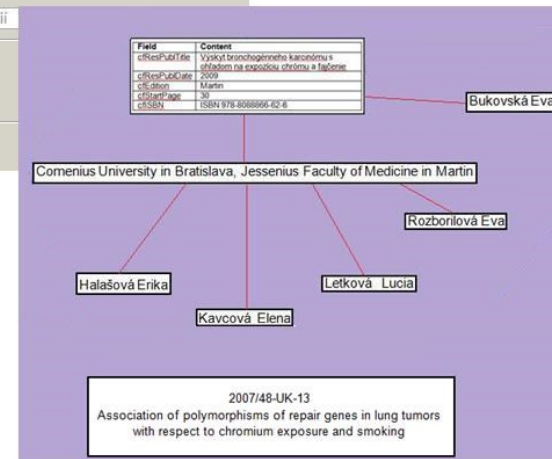
Detail

ResultPublication_Type_Classification:
Scientific paper published in peer-reviewed scientific collections

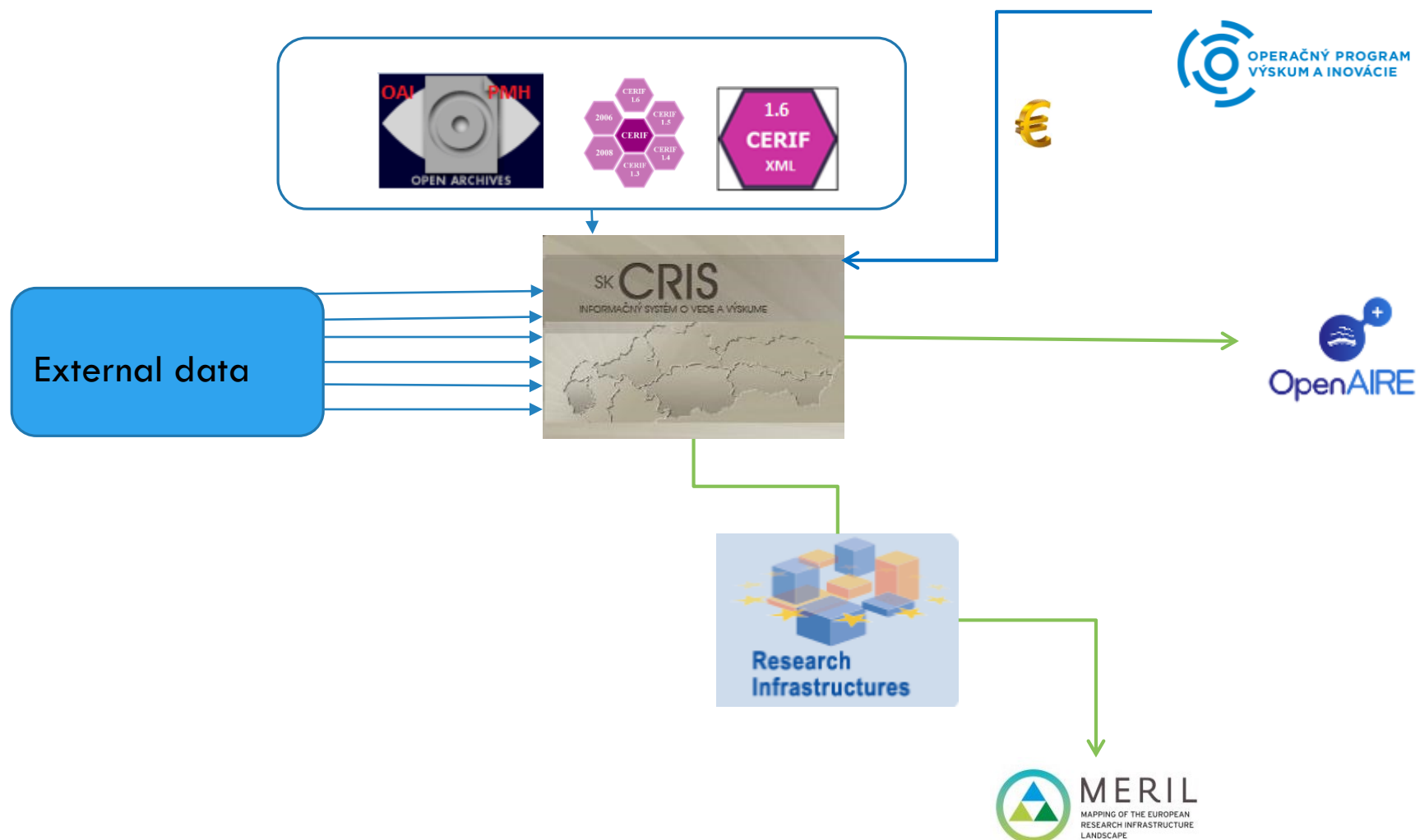
Organisation_EPCA_Classification:
AFH Abstracty príspevkov z domácich vedeckých konferencií

Person_Result_Classification:
Choose
user is author Remove?

Submit data



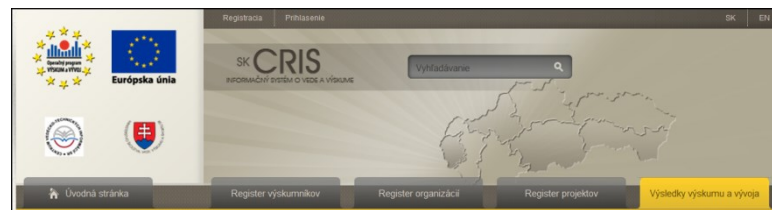
NEXT DEVELOPMENT



EURÓPSKA ÚNIA
Európsky fond regionálneho rozvoja



THANK YOU VERY MUCH
FOR YOUR ATTENTION



<https://www.skcris.sk>