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Bengt Nybelius Scholarship Award

Dual career of European studen athletes: a systematic literature re

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taly.

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nodel (539277-LLP-1-2013-1-FI-ERASMUS-ESIN) Lifelong Learning Programme (grant: 2013

Overview of the Presentation

- Introduction
- Literature review
- Aim of the study
- Methods
- Results
- Discussion
- Conclusions and directions for future research



“Dual career of European student-athlete systematic literature review”



Identify best availabl evidence and theorie



Raise awareness of the range of research methods employed in the study area

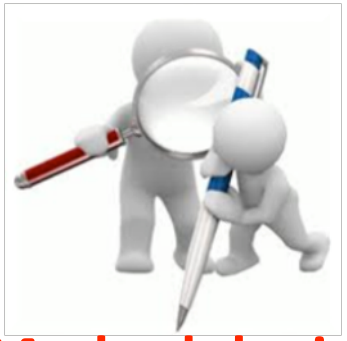


Develop future resea directions and interv strategies

troduction



Evidence and theories



Methodologies



Future perspe



Dual career

Elite Sport & Education



Imbalance



ELITE SPORT
(>10.000 hours)

(Ericsson, 2006)



EDUCATION

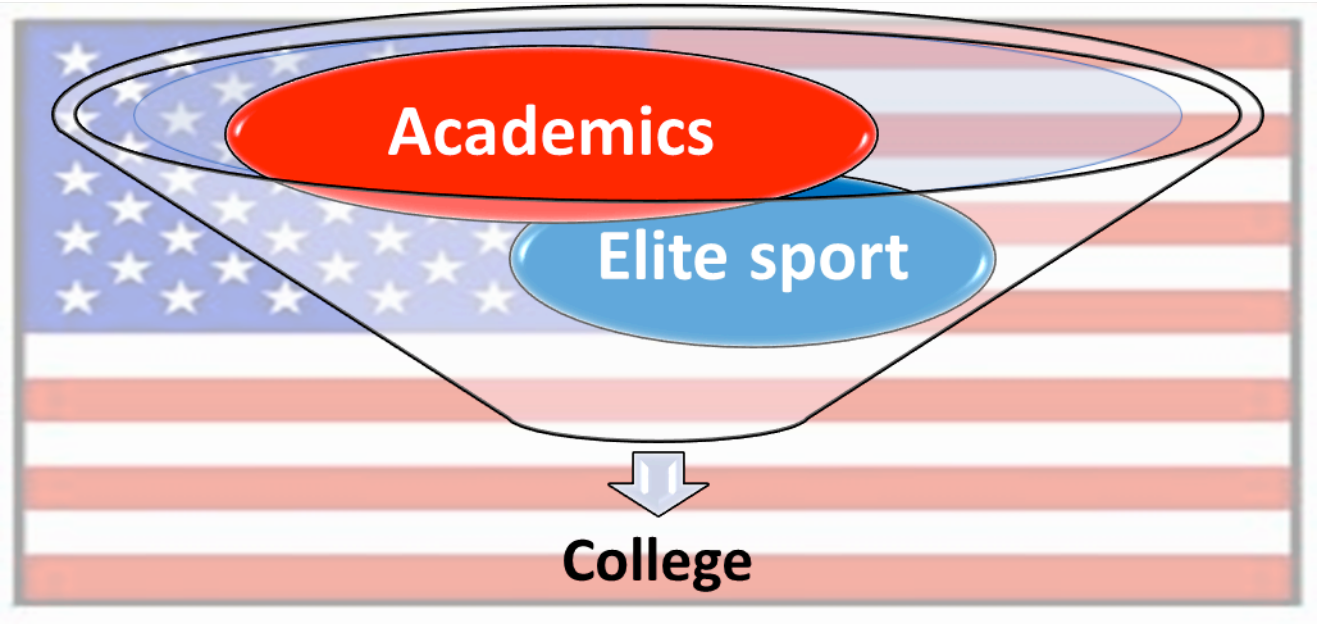
(??hours??)

(Aries et al., 2004; Conzelmann and Nagel, 2003; Donnelly and Petherick, 2004; Amara et al., 2004 ; Aquilina, 2013; Henry, 2013; Aquilina and Henry, 2010)



erature review

Dual career in USA



- Maintenance of the academic eligibility
- Stereotypes and prejudices
- Motivations

er, 1990; Parham, 1993; Cantor and Prentice, 1996; Simons et al., 1999; Hood et al., 1992; Shulman an
Laden, 1999; Walter and Smith, 1990; Engstrom and Sedlacek, 1991, 1993; Engstrom et al., 1995; Simons



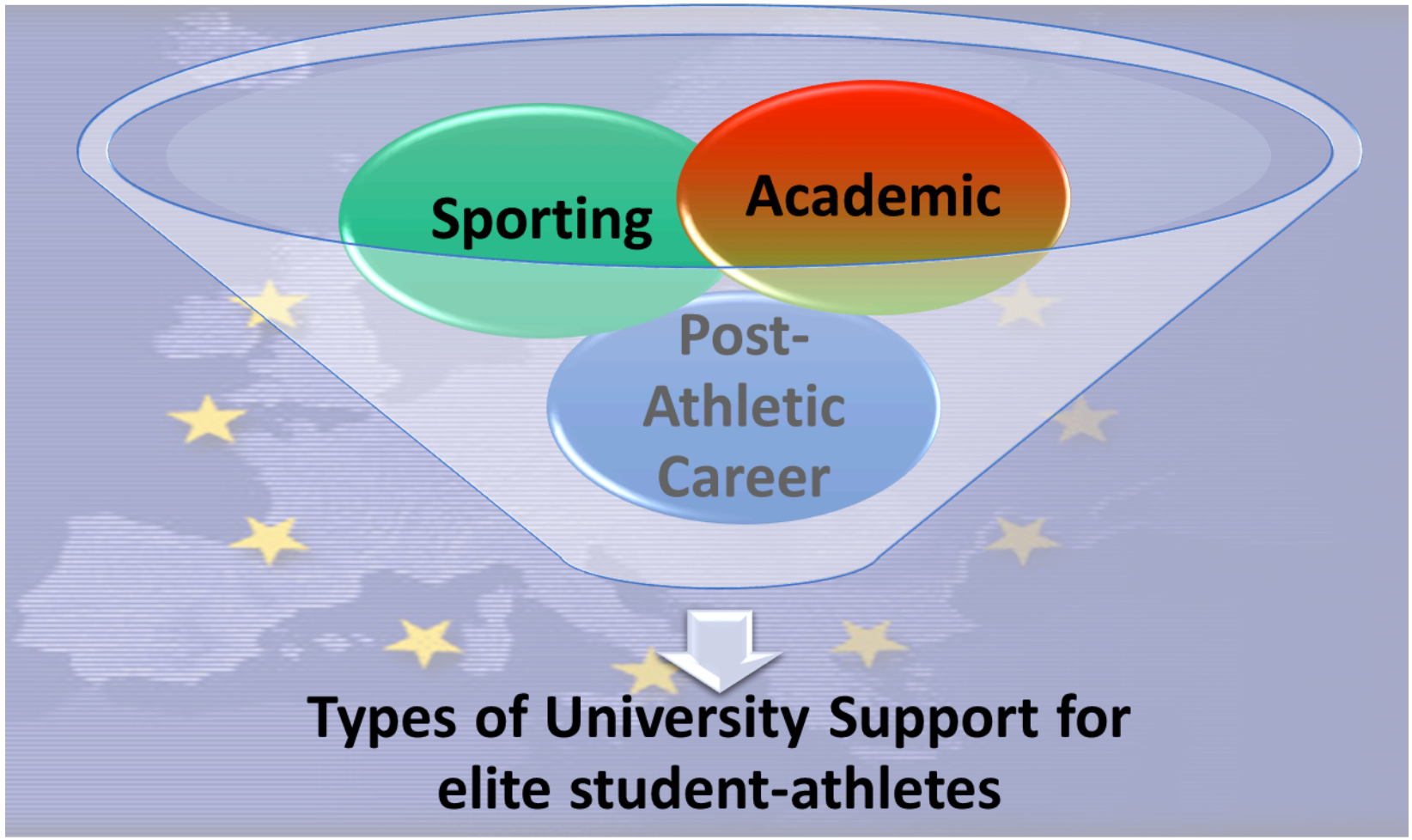
University support

(Henry, 2013; Aquilina and Henry, 2010)

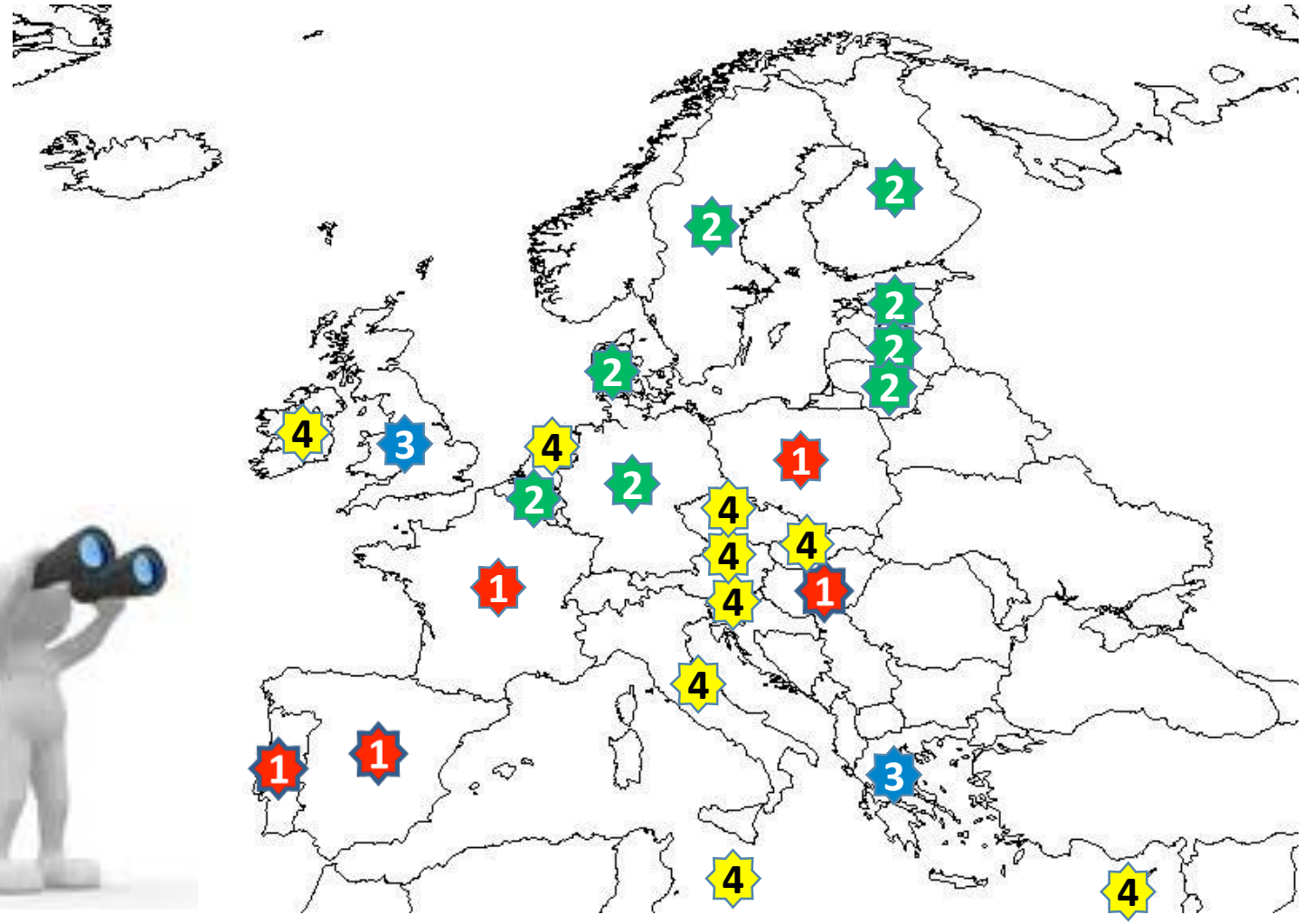








Dual career in Europe



y, 2013; Aquilina and Henry, 2010)

The European Union

ombining Sport and Education" (2003)
/hite paper on sport" (2007)
reaty of Lisbon" (2009)
U work plan 2011-2014"
eveloping the European Dimension in Sport" (2011)
U Guidelines on Dual Careers of Athletes" (2013)
ouncil Conclusions" (2013)
U work plan 2014-2017"



udies commissioned

ducation of Elite Young Sportspersons" (Amara et al., 2004)
tudy on training of young sportsmen and sportswomen in Europe" (INEUM Consulti

The International Olympic Committee

Academic and vocational training



EU funds

- Five Calls for Proposals/Tenders
  (European Commission 2009, 2010, 2011, 2012, 2013a)
- 77 transnational projects funded in the field of sport
- Total budget of 14.500.000,00 €
- Erasmus+ (2014-2020)
- Total budget of 265 941 000 €

(Accessed: May, 2014)



Two more Calls for Proposals/Tenders

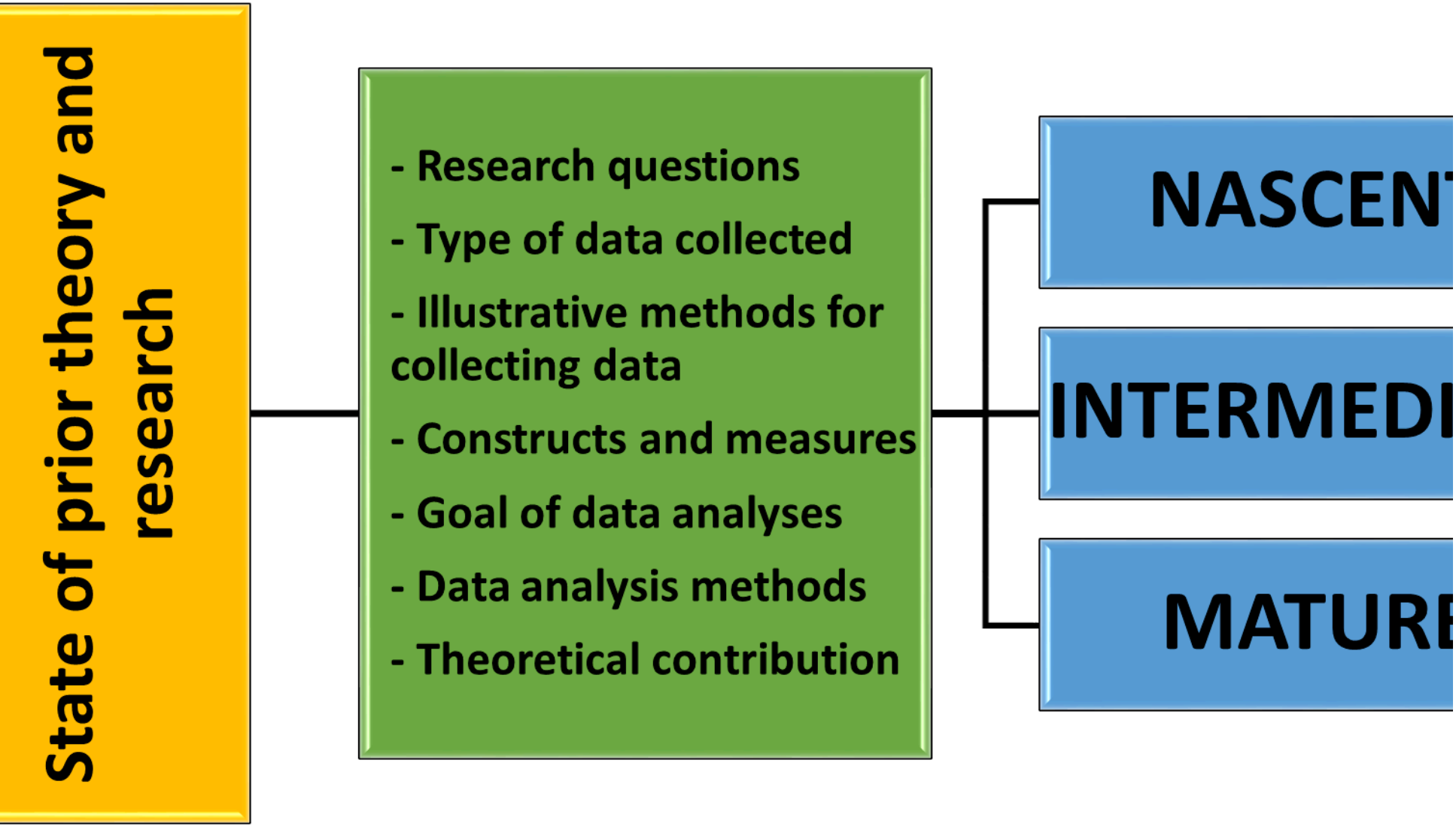
- European Commission, 2013b (Erasmus+)

- European Commission, 2014 (Study on the minimum quality requirements for dual career services)



(ec.europa.eu/sport/calls/index_en.htm)

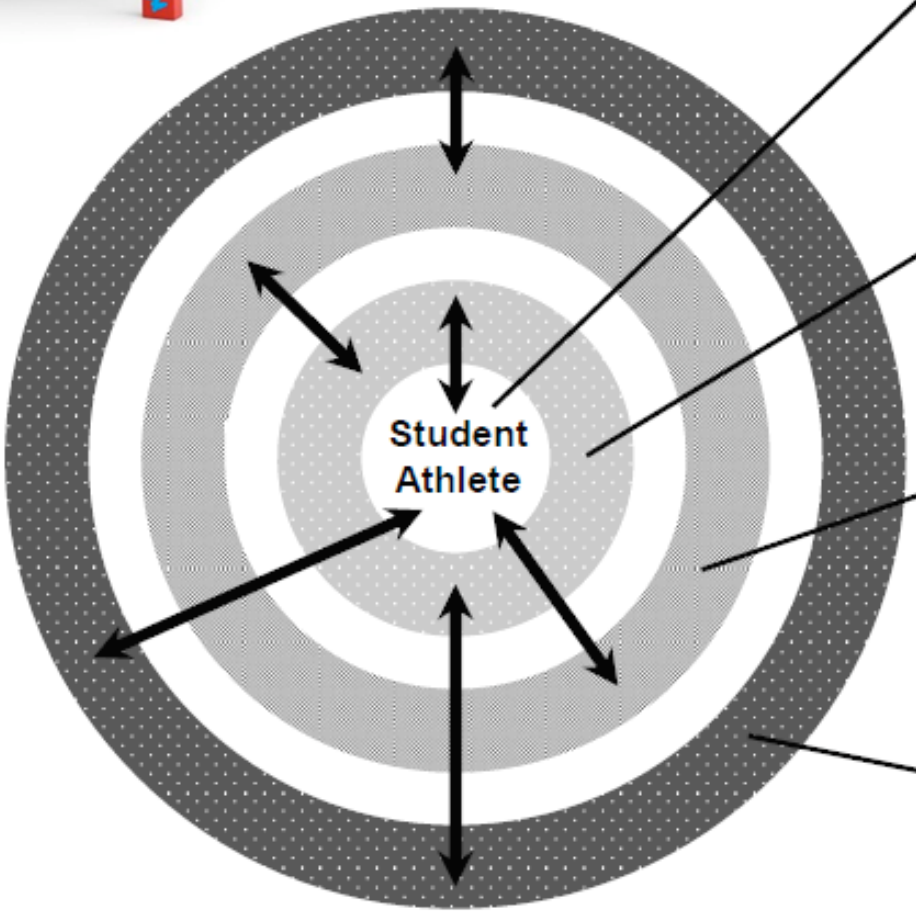
rchetypes of methodological fit in field r



(Edmonson and McManus, 2007)

Research: a dual career meta-mod





Individual Factors (i.e., Micro Dimension)

1 Talent: Genetics/Biology/Trainability/Gender.

2 Psychological: Motivation (external, internal, amotivation); Emotions; Attitudes; Self-perception; Self-confidence; Self-efficacy/competence; Safety; Rewards (success/challenges); Beliefs; Personality traits; Satisfaction; Time availability; Time organization; Motivation towards dual career.

Interpersonal Factors (i.e., Meso Dimension)

1 Social: Family; Peers; Coaches; Teachers; Managers; Leaders; Group & motivational climate; Educational level.

2 Cultural: Local/Regional/National Identity; Values; Traditions; Social expectation; Social trends/barriers; Sport values; Educational values.

Social/Environmental Factors (i.e., Macro Dimension)

1 Tools and services: Availability of tools/services (school, sport,academies); Access of tools/services (school, sport, academies); Relationship between sport and education bodies.

2 Environment: Transport/Traffic; Media/advertisement

Policy Factors (i.e., Global Dimension)

1 Organizations: National and International dual career networks/ advocacy/lobbying/promotion.

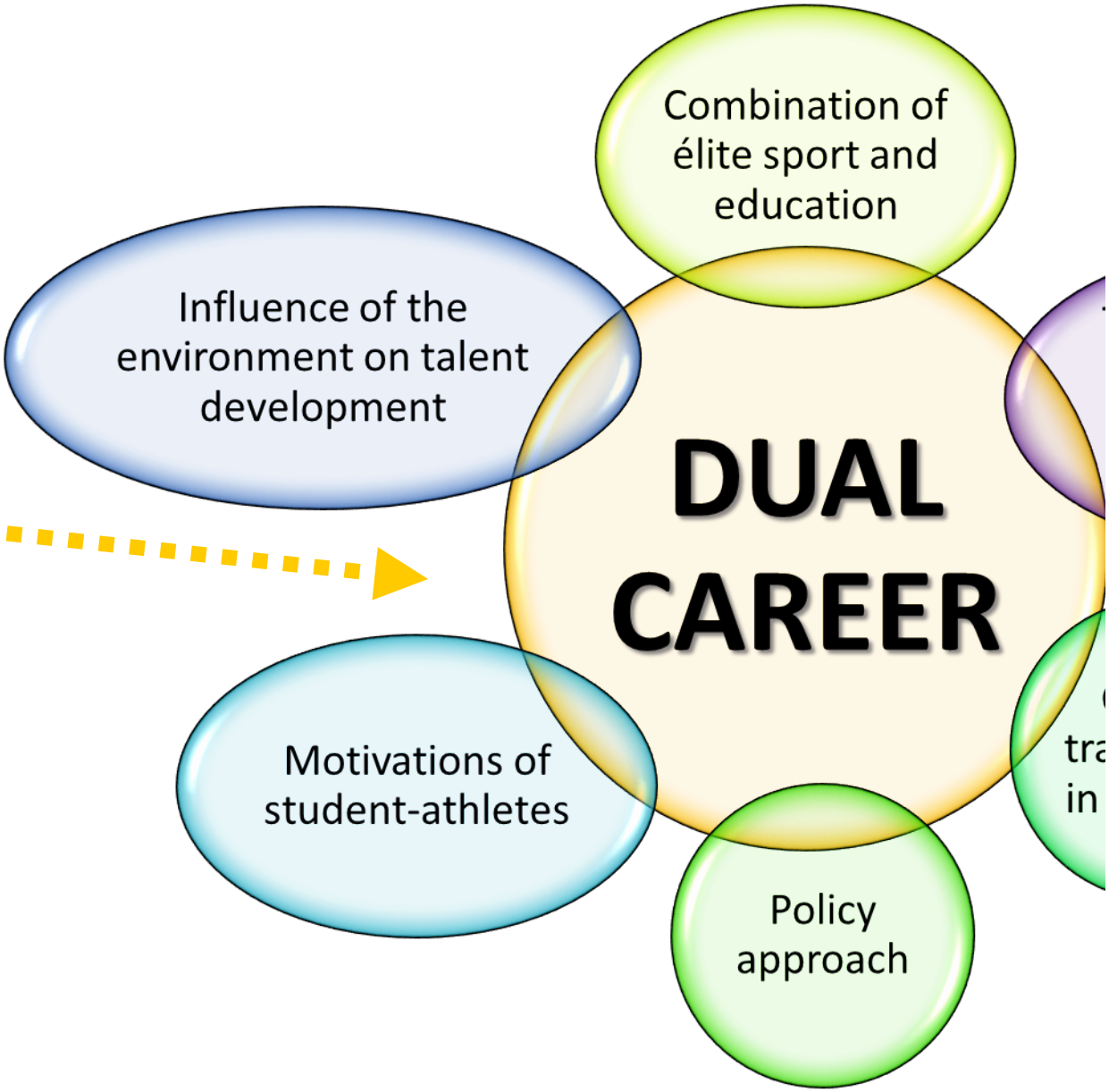
2 Government: European and National legislation; Economical measures; Programs/Plans; Communication (media/scientific), Knowledge of EU guidelines; Gender mainstreaming; social inclusion; Role model (ambassadors)

European scholars' interest in dual

Early studies

(De Knop et al., 1999; Conzelman and Nagel, 2003; Donnelly and Petherick, 2004)





Purposes of the SLR

Research questions



- Major research areas (i.e., theories, methodologies, samples
- Dual career dimensions mostly investigated
- Major funding areas related to dual career
- EU countries mostly involved in dual career related research



Implement the knowledge

lentify and systematize studies
nd projects on dual career
lentify trends/gaps

rposes

Contribute to strengthen this research area

Suggest futur research trajectories



Methods (scientific contributi

Keywords:

"dual career"
"student-athlete*"
"sport*"
"elite sport*"
"academic*"



Snowba
techniqu

(reference list
already includ

Chronological interval:

2007 (publication of the White Paper on Sport) - 2014

lection criteria:

elated to athletes' dual career;
nclude the term "dual career";
ublished after 2007;
carried out in European Member States;
ournal articles, books, or book chapters;
t least an English written abstract

Inclusion/Rejection p

➢The "dual career" t

45 contributions:

- papers perfectly fitting the inclus
- papers not presenting the "dual

ethods

Methods (scientific contributions)

45 contributions:

- papers perfectly fitting the inclusion criteria (n=23)
- papers not presenting the “dual career” term (n=22)



- Topic
- Dual career dimensions (i.e., micro, meso, macro, global)
- Scientific area
- Research design (i.e., theoretical, experimental, and mixed approach)
- Data collection methods (i.e., qualitative and quantitative)
- Sample characteristics (i.e., size, gender, competition level, type of spc
- European Member States included in the studies

Methods (EU funded projects)

European Commission

Official on-line database of the European C

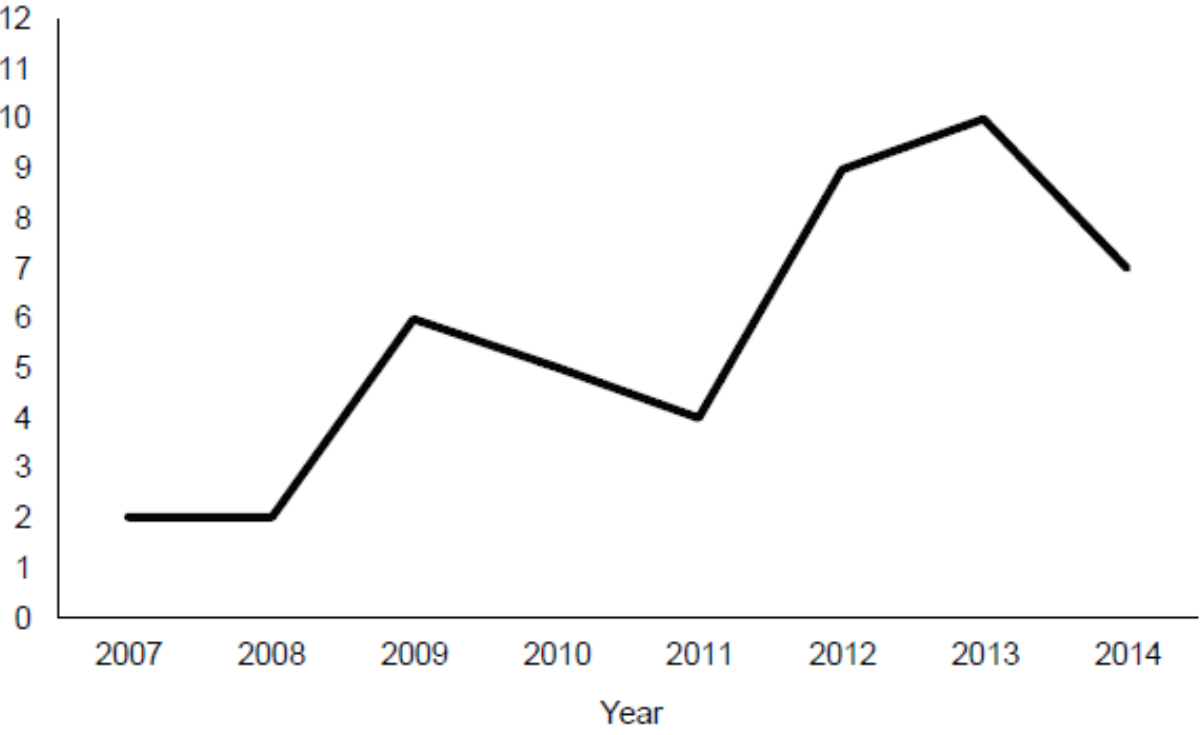
- Five Calls for Proposals/Tenders *(European Commissior 2011, 2012, and 2013 – Accessed: May, 2014)*
- Projects funded related to the dual career of studer

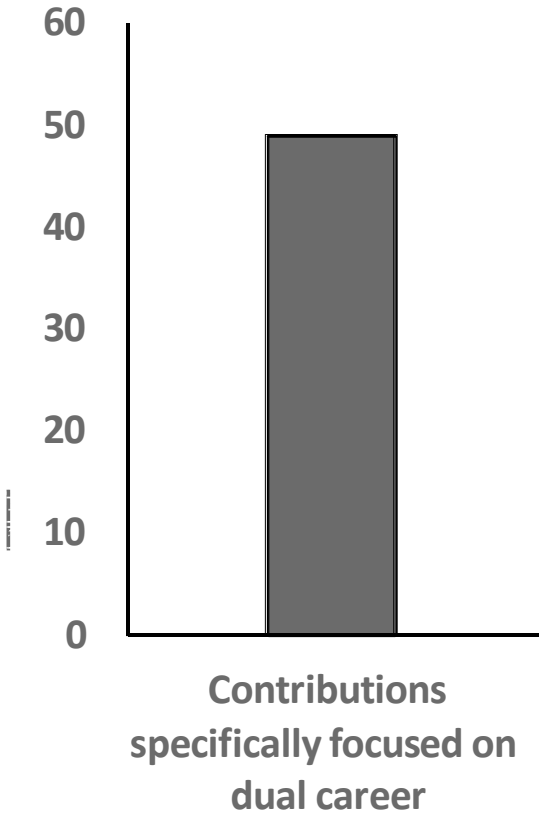


- Application year
- Funding area
- Allotted funds
- Number of partners
- Specific aims
- Duration of the project
- Countries of the involved partner



Results (scientific contributions)





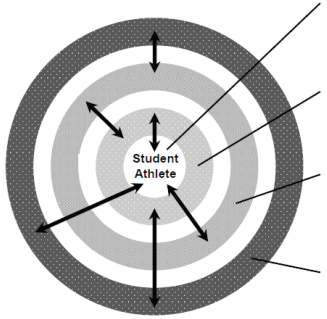
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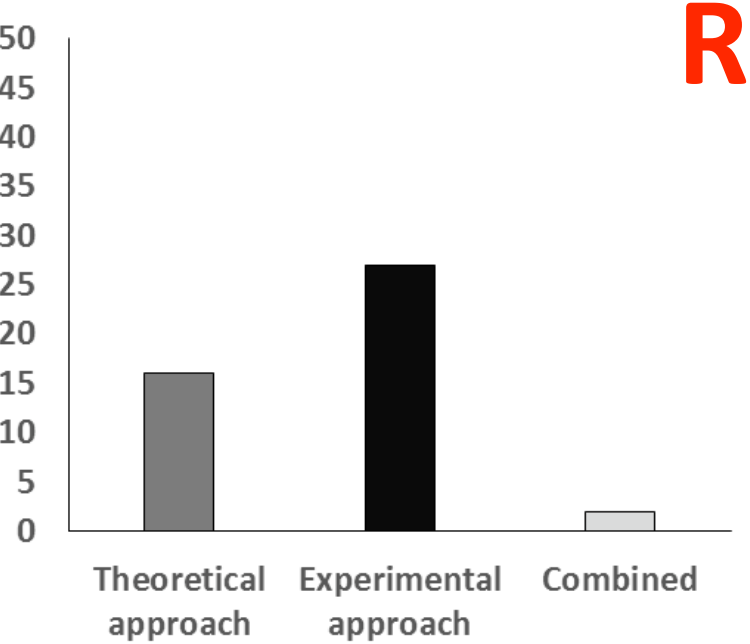
Results (scientific contributions)

ematic areas:

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te athletes' life and
eer transitions
aluation of dual career
grammes
litical/organizational
ects of the sport and
ucational environments
ues and challenges of a
al career path
hletic development
ctices

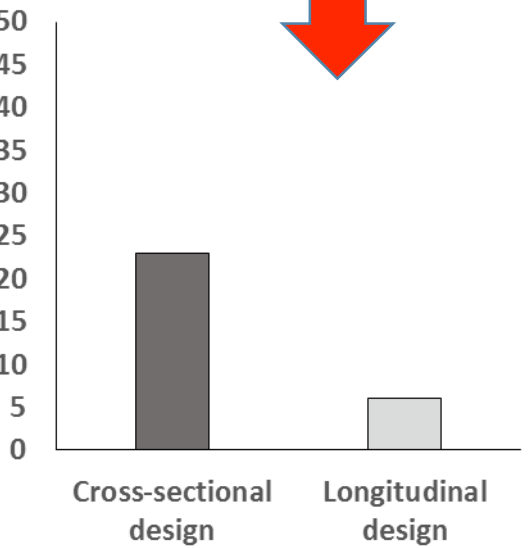


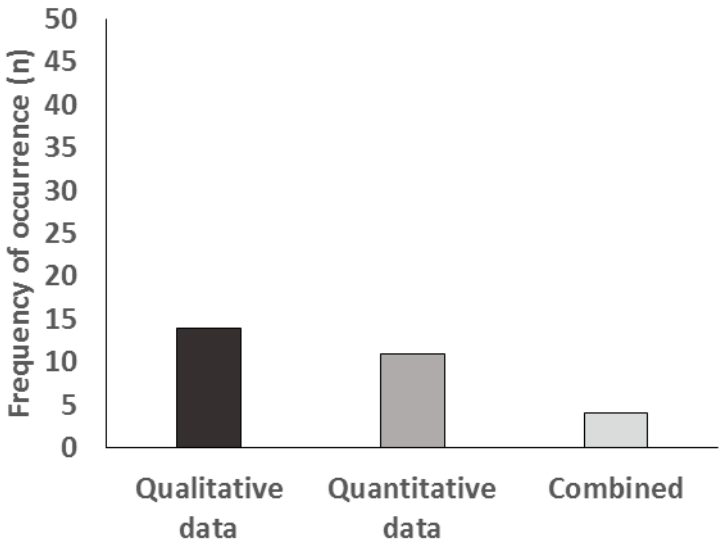
Results (scientific contributions)



Data collection methods:

- Questionnaires/surveys/templates (validated instruments; tools designed for specif
- Interviews
- Analysis of documents/literature
- Participants observation





Sample chara

- 3262 particip 400)
- **Both gender**
- **Youth**, adult athletes
- Both **elite** an
- **Both** individu sports enviro

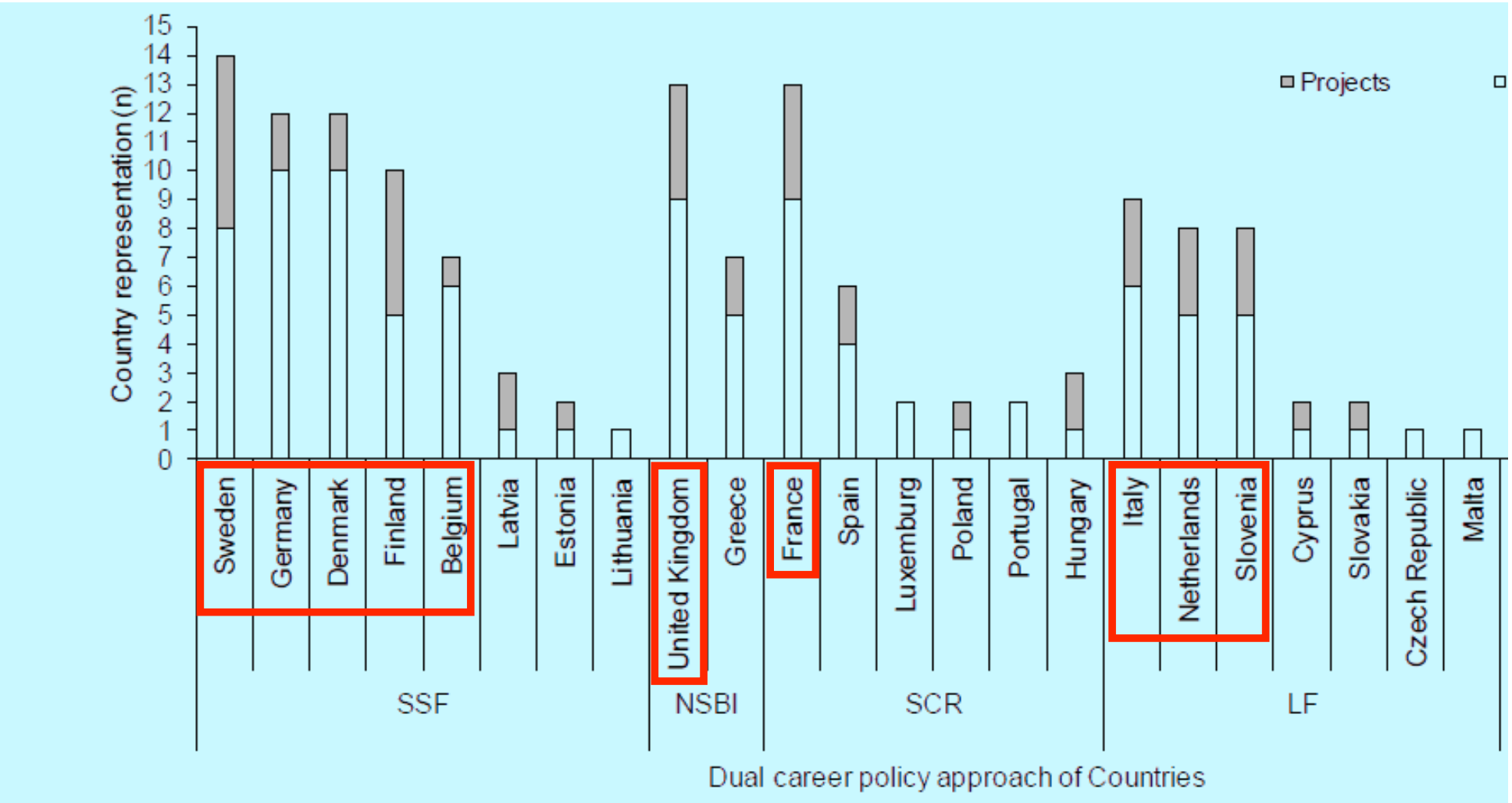
Results (EU funded projects)

verall amount of 1.370.500,00 €

ear	Project Acronym	Duration	Status	Funds receive
09*	Dual Career for young athletes in Europe- DC- SPORT	16	completed	253.176,0
	ATHLETES2BUSINESS	14	completed	251.378,0
	FIFPro online Academy	16	completed	237.175,0
	INTECS Network	12	completed	194.733,0
3**	Improving player associations support for dual careers	13	in progress	194.038,0
	Networks of knowledge	18	in progress	240.000,0

ling areas:
paratory action in the field of Sport - “Promoting education and training in sport”
eparatory action ‘European Partnership on Sports’ - “Strengthening of good governance and dual ca
ort for the mobility of volunteers, coaches, managers and staff of non-profit sport organisations”

Results (country representation)



: SSF=State as a Sponsor/Facilitator; NSBI=National Sporting Bodies as Intermediary; SCR=State-cent
isser Faire; NA=Not available information on dual career policy approach; Not EU=Not included in t

Discussion

Multidisciplinary nature of dual career
Increase of studies and projects after the year 2011
Not systematic use of the term dual career
Methodological challenges (i.e., nascent stage) of the dual career research path
- Interviews
- Lack of gold standards for objective measures

Few studies on interpersonal factors (meso dimension of dual career)
Lack of longitudinal research designs
International partnerships and networks
Geographical representation and policy approach



onclusions and directions for future r

Develop an ecological framework, which necessitates the coope
trans-disciplinary and cross-national expertises

Explore the intertwined relationships between different dimens
career, integrating qualitative and quantitative methodologies t
both deep insights and generalization of findings and actions

Develop scales to measure the effectiveness of dual career path
student-athletes





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