



DUAL CAREER DAY

**SUPPORTING ATHLETES TO FLOURISH IN
SPORT, EDUCATION AND LIFE**



ECOLOGY of DUAL CAREERS
- Exploring Dual Career Development Environments across Europe

Co-funded by the
Erasmus+ Programme
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Presentation 9: The Dual Career Development Environment Monitoring Tool

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DUAL CAREER DEVELOPMENT ENVIRONMENT MONITORING TOOL (DCDEM)



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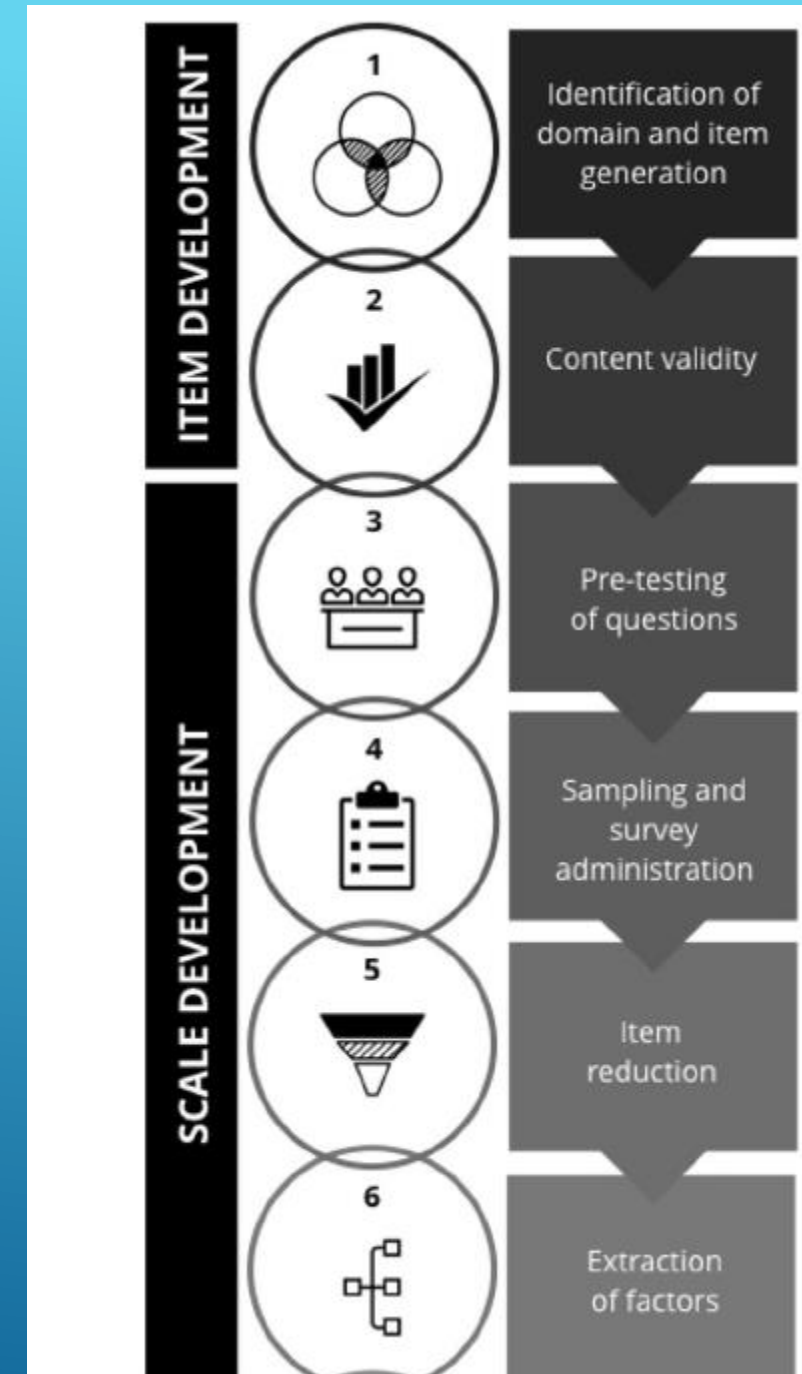


RATIONAL AND AIM OF THE PROJECT

- ▶ The Dual Career of athletes has **mainly been researched from an individual perspective** (e.g. competences) or through **case studies** in selected schools/universities
- ▶ There is a **lack of tools to measure Dual Career environments** in terms of their efficiency and structure
- ▶ Therefore, the **aim was to develop an instrument that can assess and quantify the relevant features of dual career environments**

METHOD

- ▶ We followed Boateng et al. (2018) recommendations for **Best Practices for Developing and Validating Scales**



STEP 1

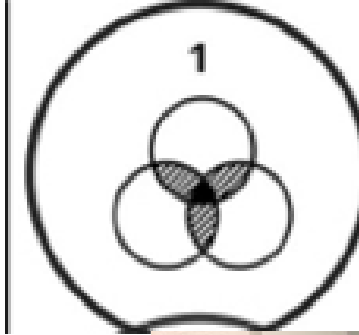


Based on the cross-case analyses
of the 7 participating countries

10 relevant characteristics (essential features) were identified

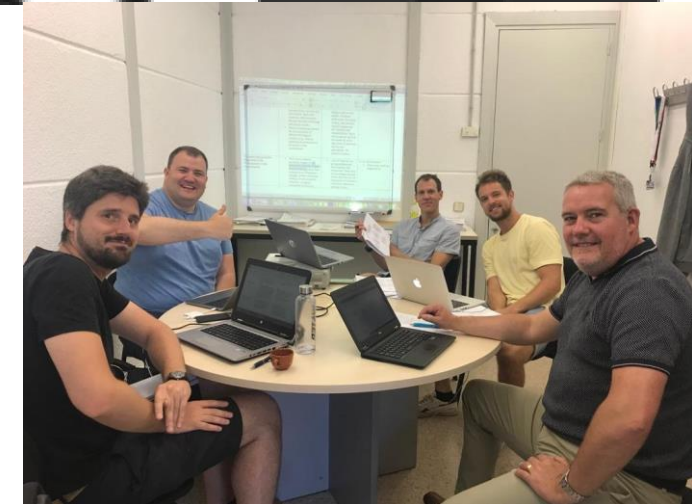
Examples:

- ▶ A Clear Understanding of DC Issues and Support
- ▶ Access to Expert Support
- ▶ An Empowerment Approach
- ▶ Flexible Dual Career Solutions
- ▶ A Whole Person Approach



Identification of domain and item generation

A group of experts from the ECO-DC consortium **generated 10 items (statements) for each of the 10 relevant features** (= total of 100 items)



there is an understanding that different domains in athletes' lives will require priority at different times

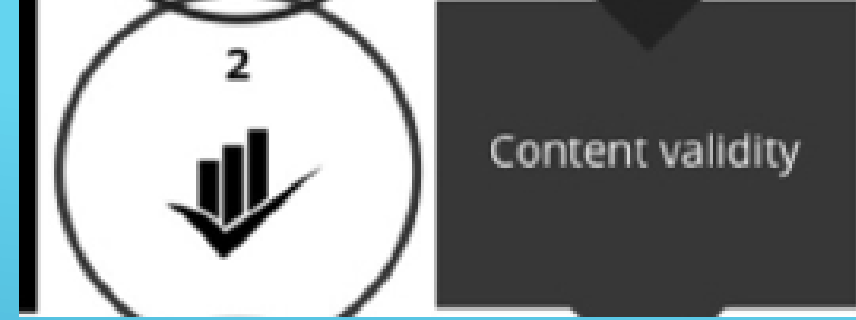
stakeholders in the environment allow for an extra focus on sport or education / work when needed

there is recognition that dual career athletes require flexible solutions to develop their career

there are only standard solutions in place for dual careers

there is an understanding that different domains in athletes' lives will require priority at different times

STEP 2



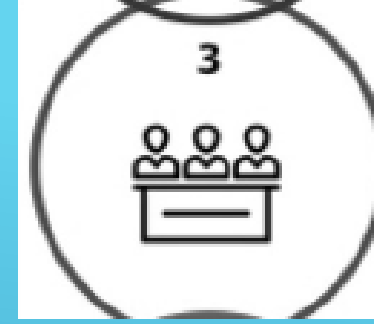
Each country was invited to provide comments on the wording and the content

Within each of the 10 characteristics/features, the members of the consortium rated the items in terms of ist relevance

- **The list of items was subsequently reduced to 50 items**
(i.e. 5 items related to each feature)



STEP 3



Pre-testing
of questions

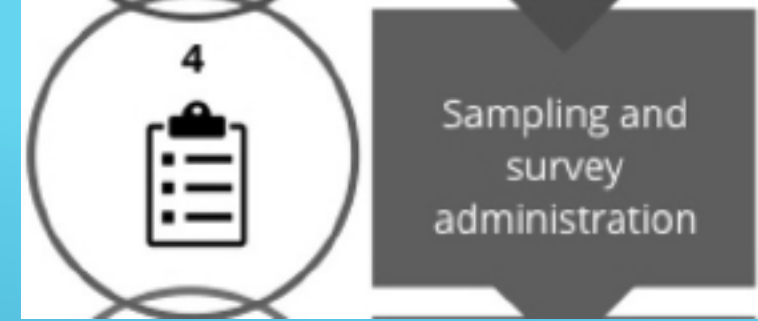
English Survey translated to **local languages** (*Slovenian - Finnish - Swedish - Dutch - Spanish - Catalan - Danish*)

Pre-testing questions with relevant persons within the sports and educational system

The survey were subsequently programmed in SurveyMonkey and contained 2 parts:

- 1) **Background information**
- 2) **Rating of the 50 features of DCDE on 7-point Likert-Scale**

STEP 4



The online survey was **administered** between mid October and beginning of November **to relevant persons within different Dual Career environments** (e.g., *High schools, Sport clubs, Universities*)



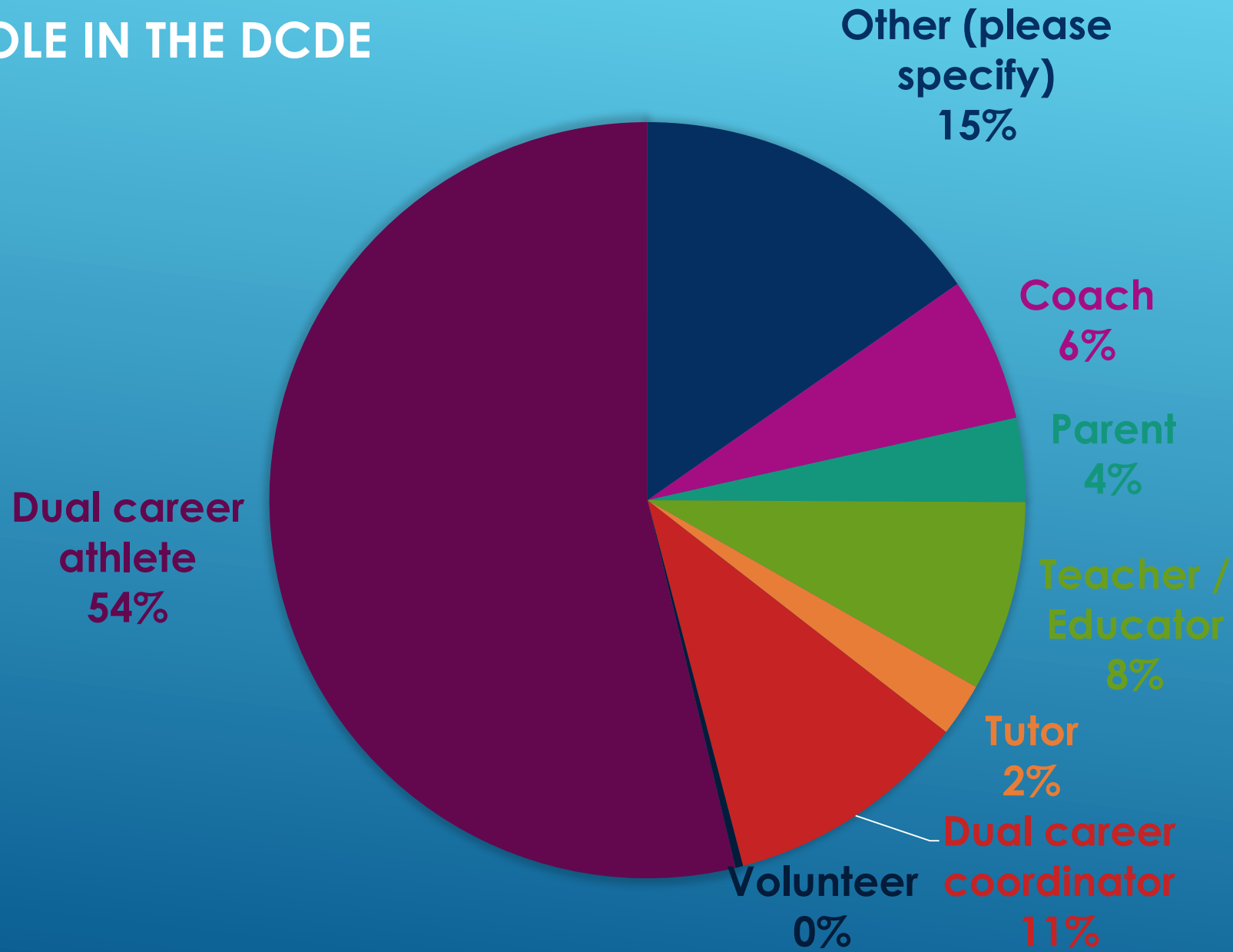
OVERVIEW OF PARTICIPANTS

| Belgium | Denmark | Finland | Slovenia | Spain | Sweden | UK | Total |
|---------|---------|---------|----------|-------|--------|----|-------|
| 118 | 216 | 91 | 5 | 83 | 46 | 57 | 616 |

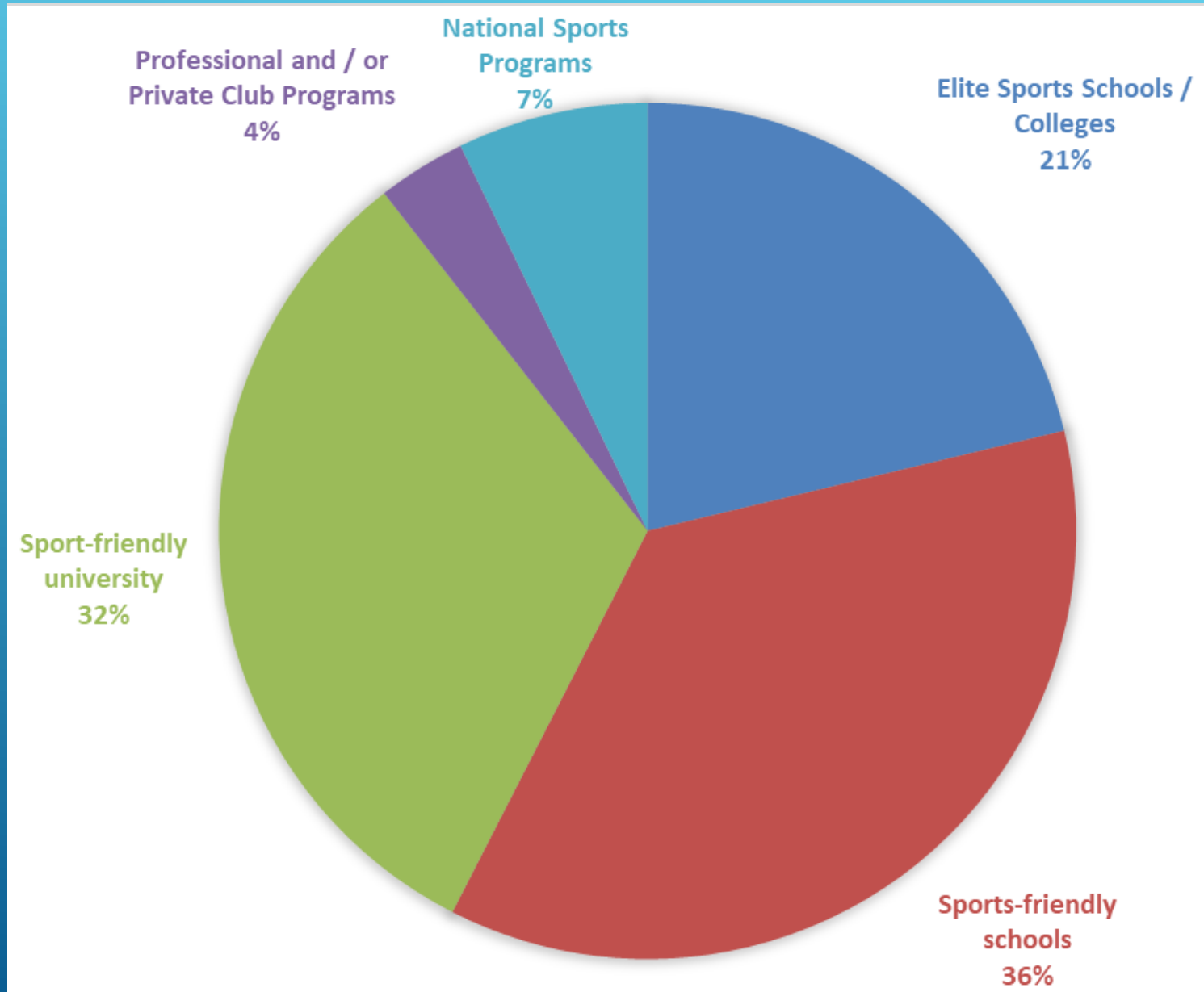
| | <i>N</i> | <i>M Age</i> |
|------------------------|------------|--------------|
| DC Stakeholders | 287 | 40,91 |
| DC athletes | 329 | 18,48 |

Coach DCAthlete DCSP Directive-
board No-DC-relation Parent Psychologist
Teacher-Educator Technical-management Volunteer

ROLE IN THE DCDE



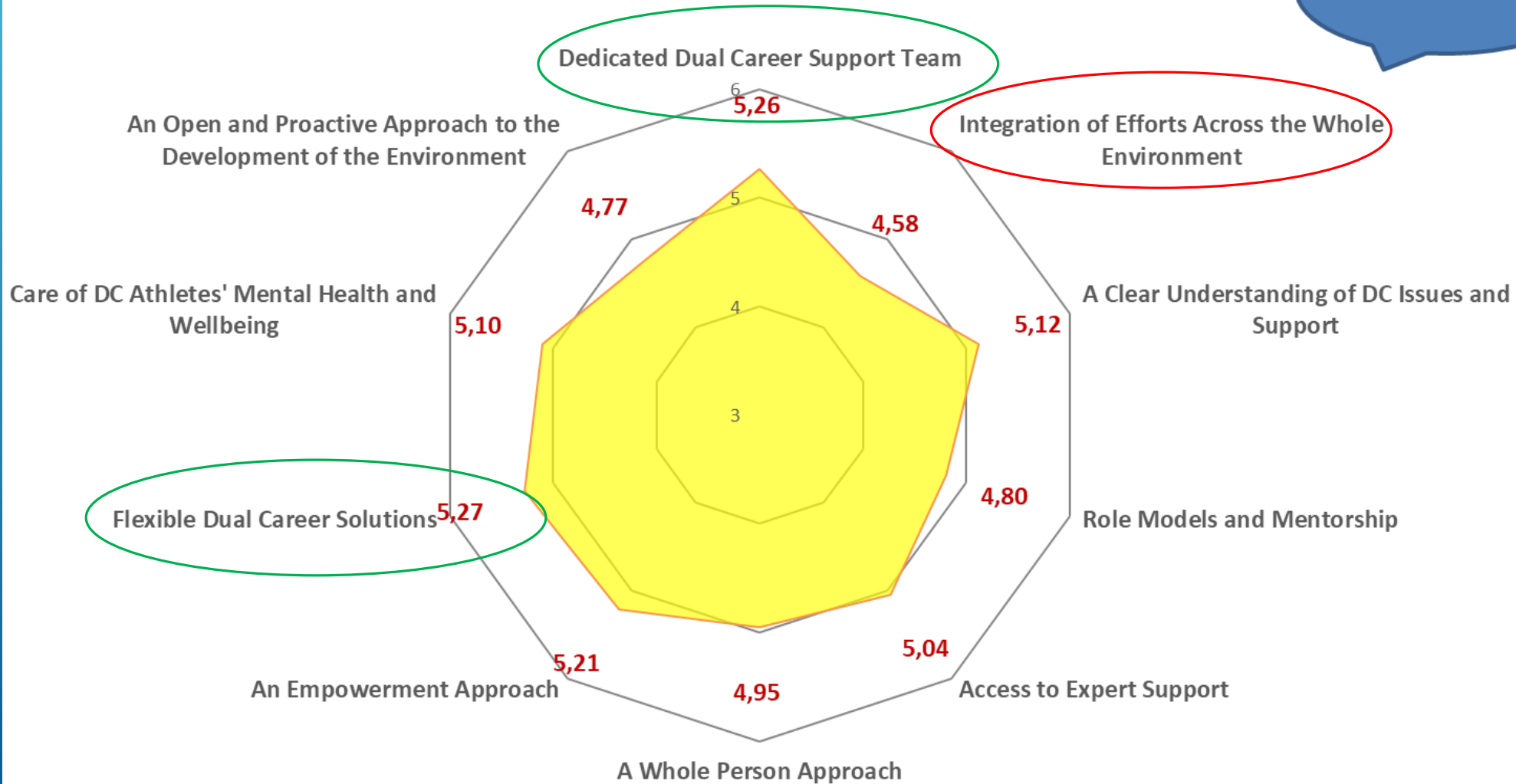
OVERVIEW OF DIFFERENT DCDE'S



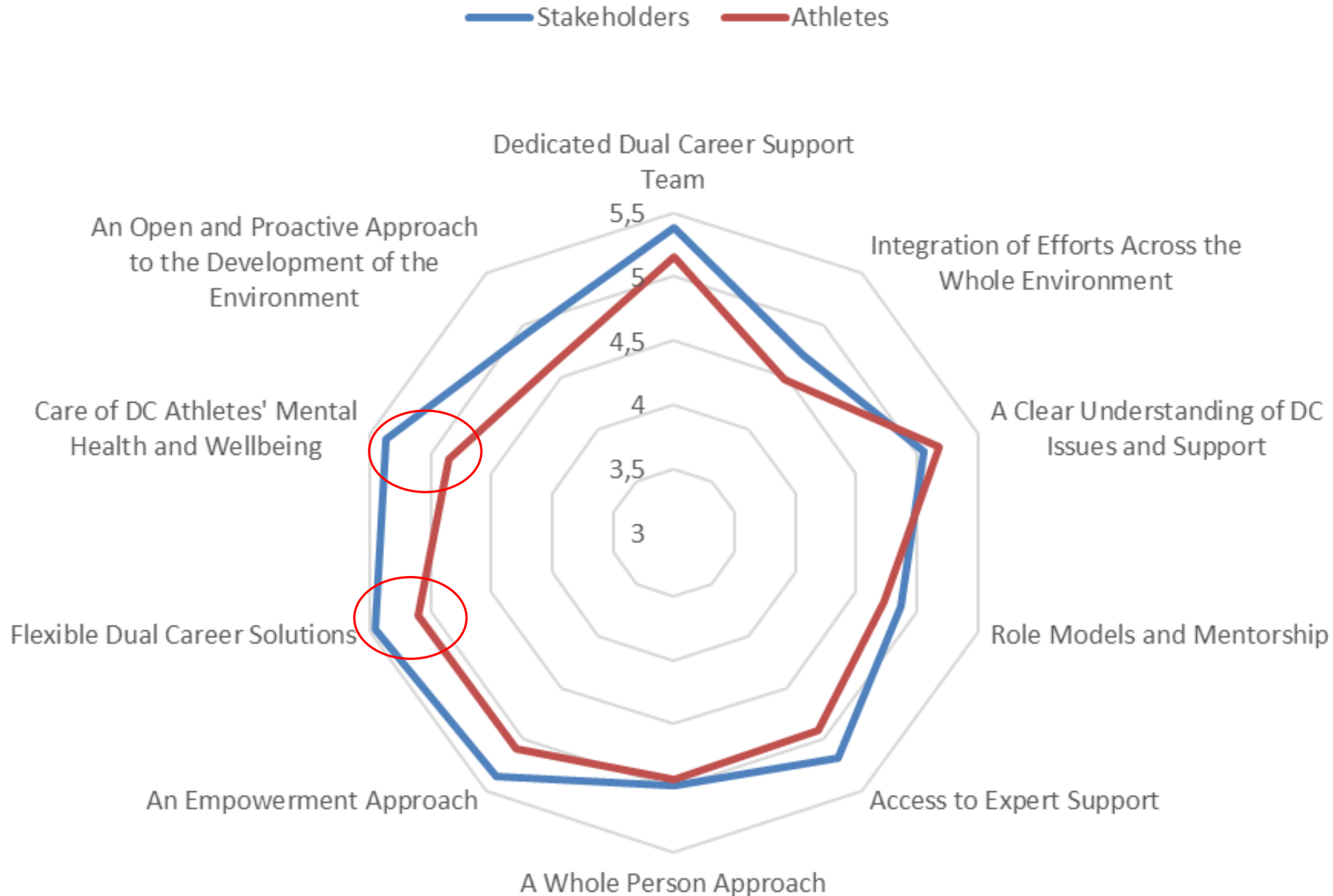
PRELIMINARY RESULTS

Overall DC ENVIRONMENTS

N = 612



Different attitudes about the 10 features



Highest rated items across contexts

In our environment

- ▶ **...family support dual career athletes in combining sport and education or work 5,81** *(Clear understanding of DC support)*
- ▶ **...there is access to appropriate coaching for dual career athletes 5,57** *(Access to expert support)*
- ▶ **...there is recognition that dual career athletes require flexible solutions to develop their career 5,57** *(Flexible DC solution)*

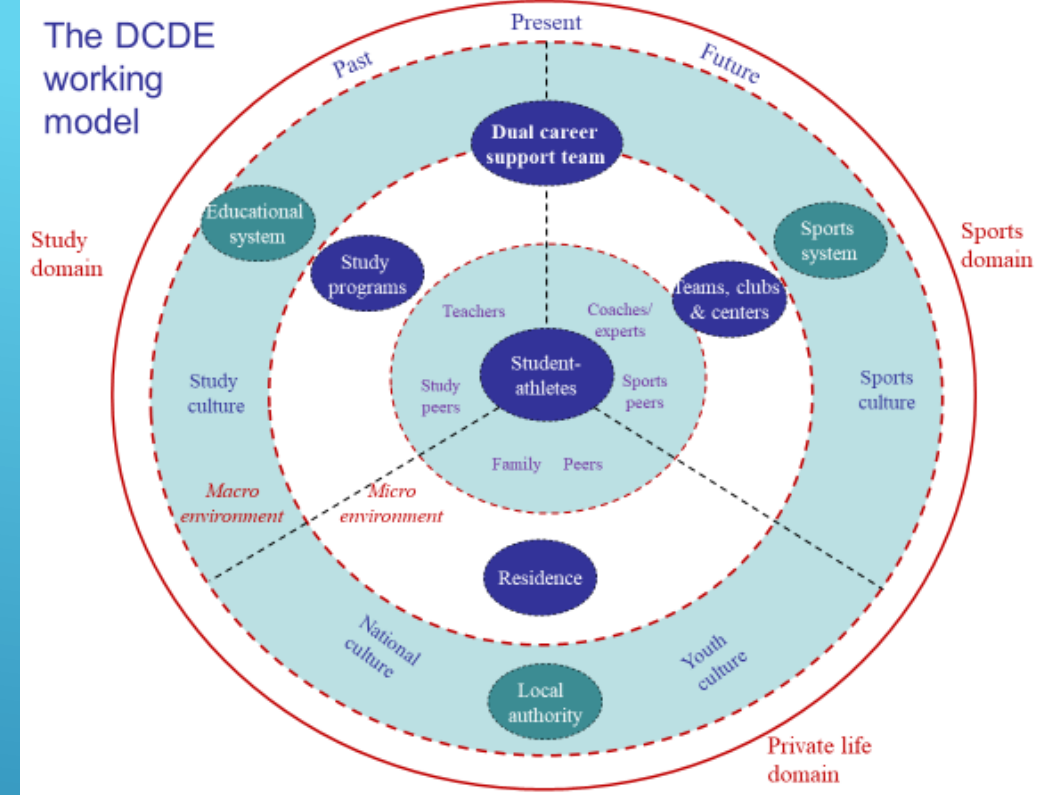
Lowest rated items across contexts

In our environment

- ▶ **...successful dual career athletes are encouraged to share their experiences within the environment 4,70** (*Role model*)
- ▶ **...there are opportunities to engage with and implement research 4,55** (*Development of the DCDE*)
- ▶ **...there is adequate communication between people in sport and study or work domains 4,50** (*Integrated efforts*)

CONCLUSIONS

The DCDM monitoring tool still needs to be improved, shortened and validated



- The monitoring tool has the potential to become a **useful instrument to screen different DC environments in terms of their development over time**
-
- The DCDM can help to **increase to understanding how different stakeholders judge the environment from their perspective**



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THANK YOU FOR YOUR ATTENTION!

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