



eQuATIC

Online Quality Assessment Tool
for International Cooperation

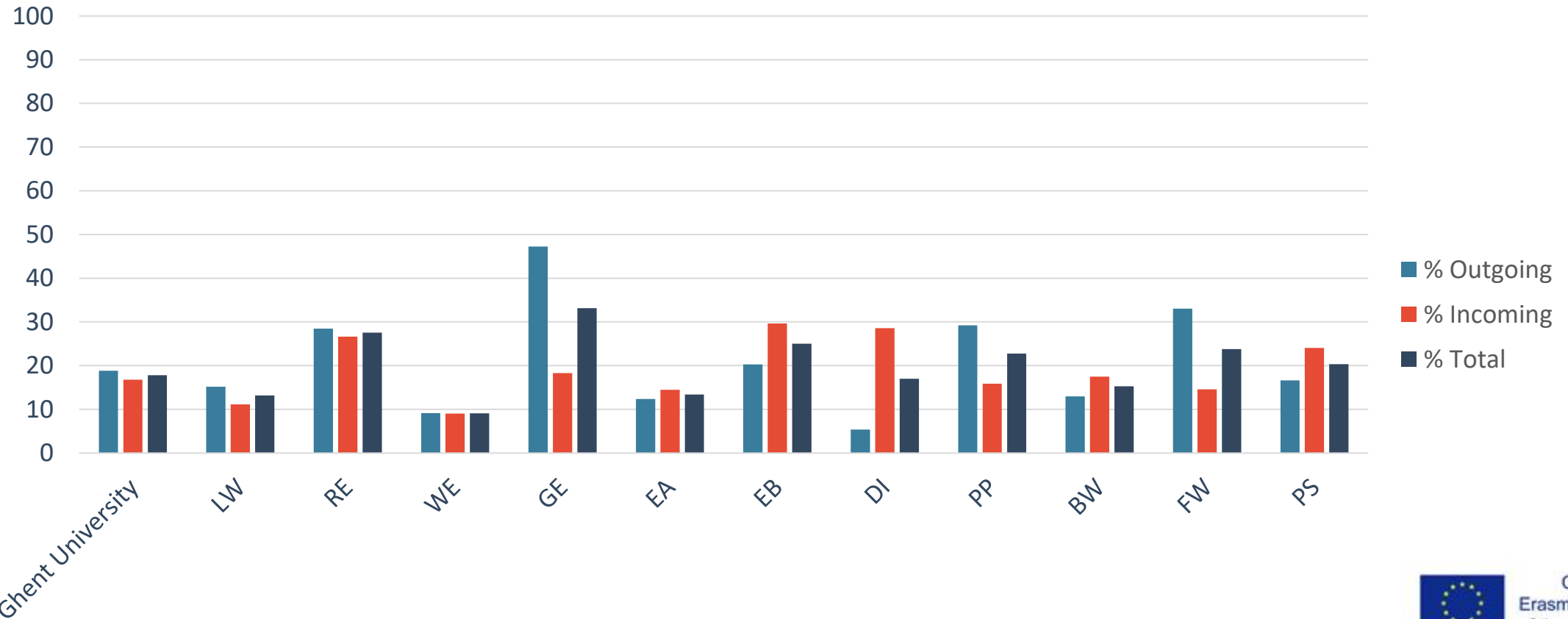
**If less is more, how to keep score
What makes a good partnership good?**

Outline of the presentation

- Introduction
- Digging through the data
- Data reusability
- Brainstorm: what makes a good partnership good?
- eQuATIC framework
- Peer assessment



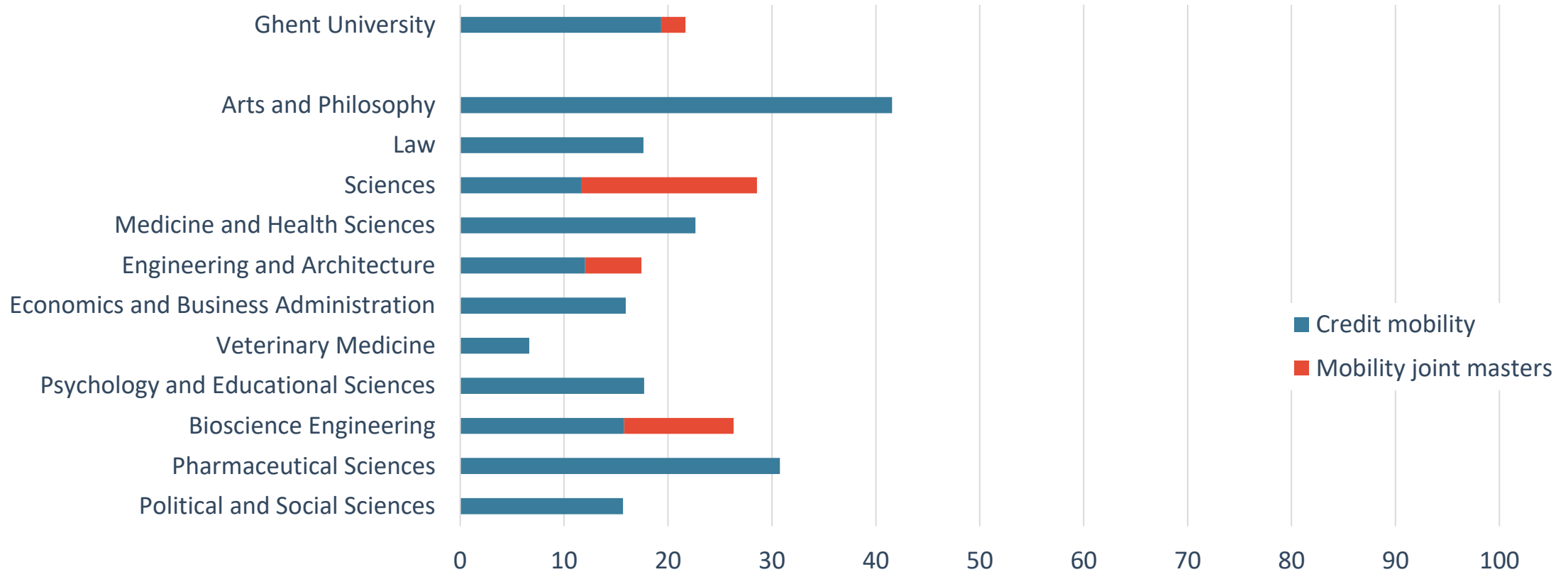
Participation on agreements student mobility



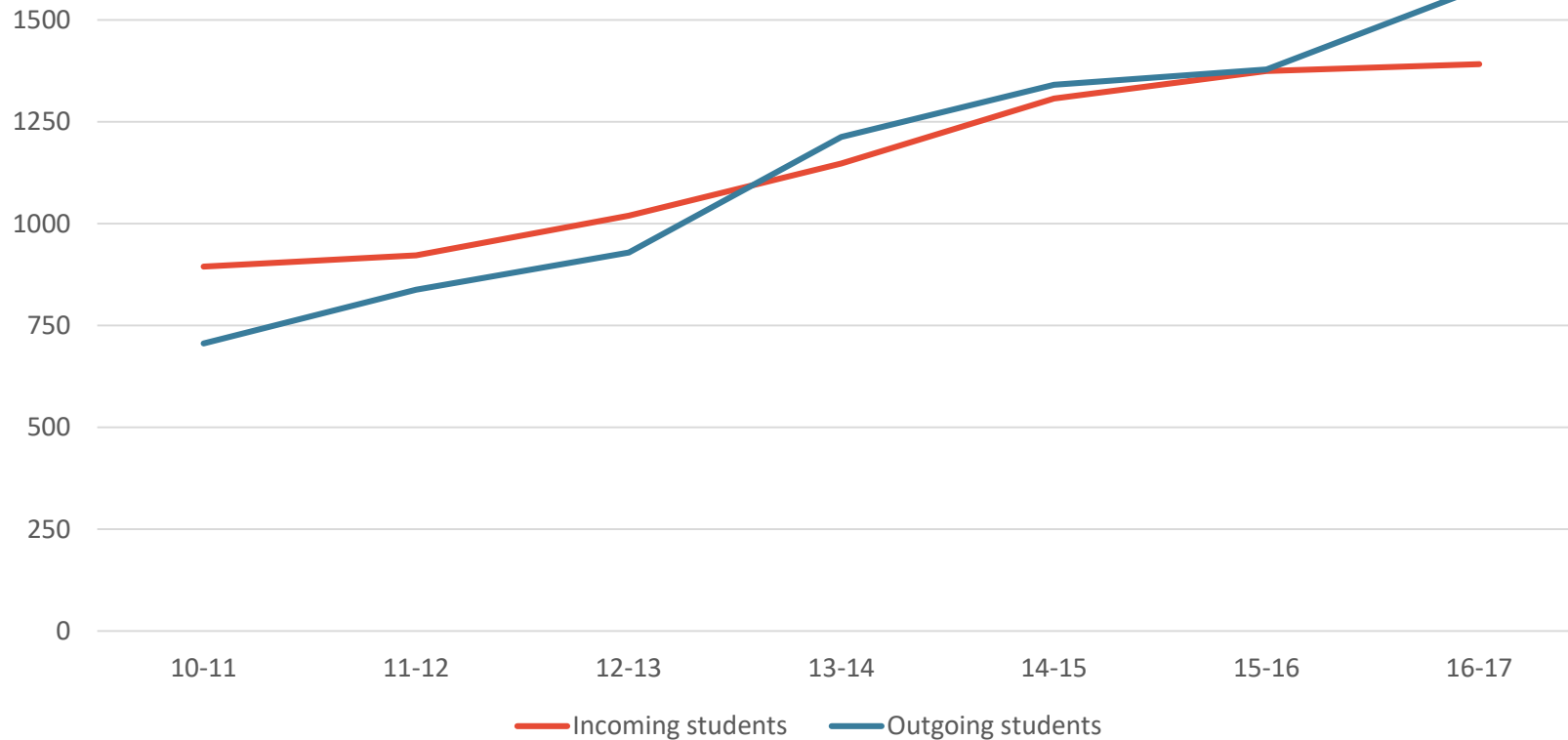
- 20% mobility by 2020
 - Institution review
 - Ghent University decentralized university
 - How to be in control of quality
 - PCDA-cycle
 - Tendency towards strategic partnerships & preferential partners
 - Return on investment
- A lot of data available



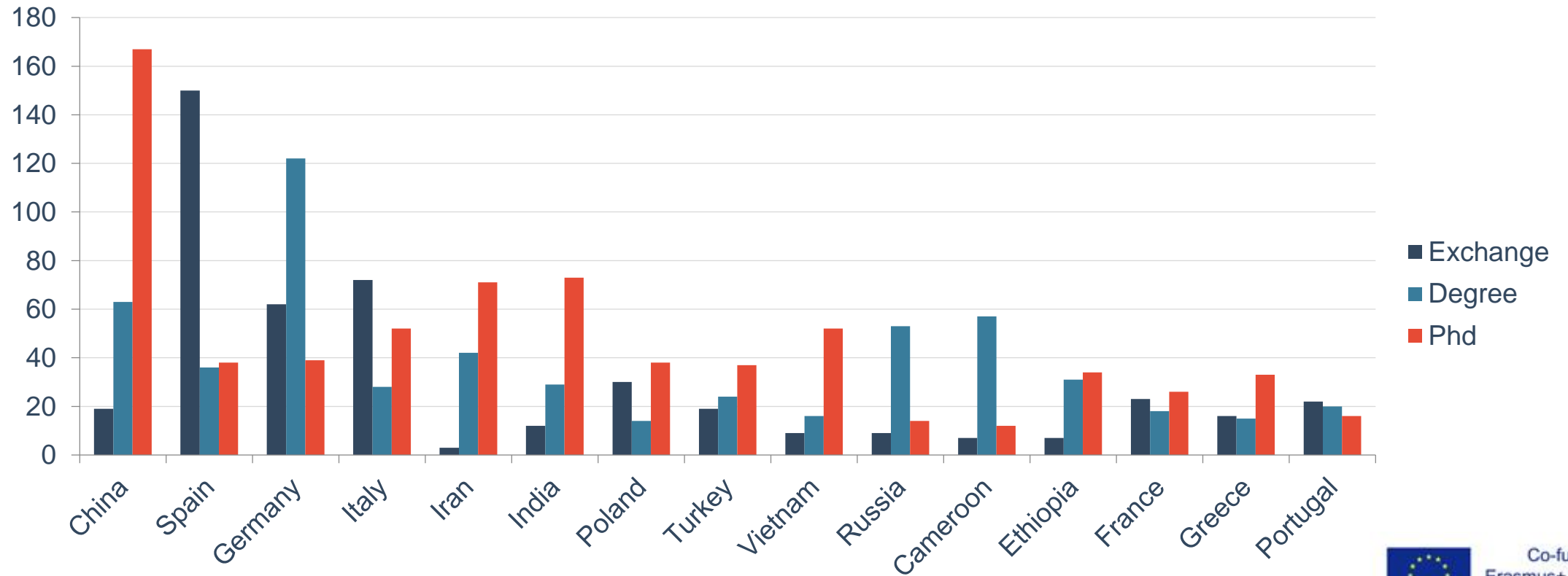
- Quantitative analysis: percentage of mobile master graduates



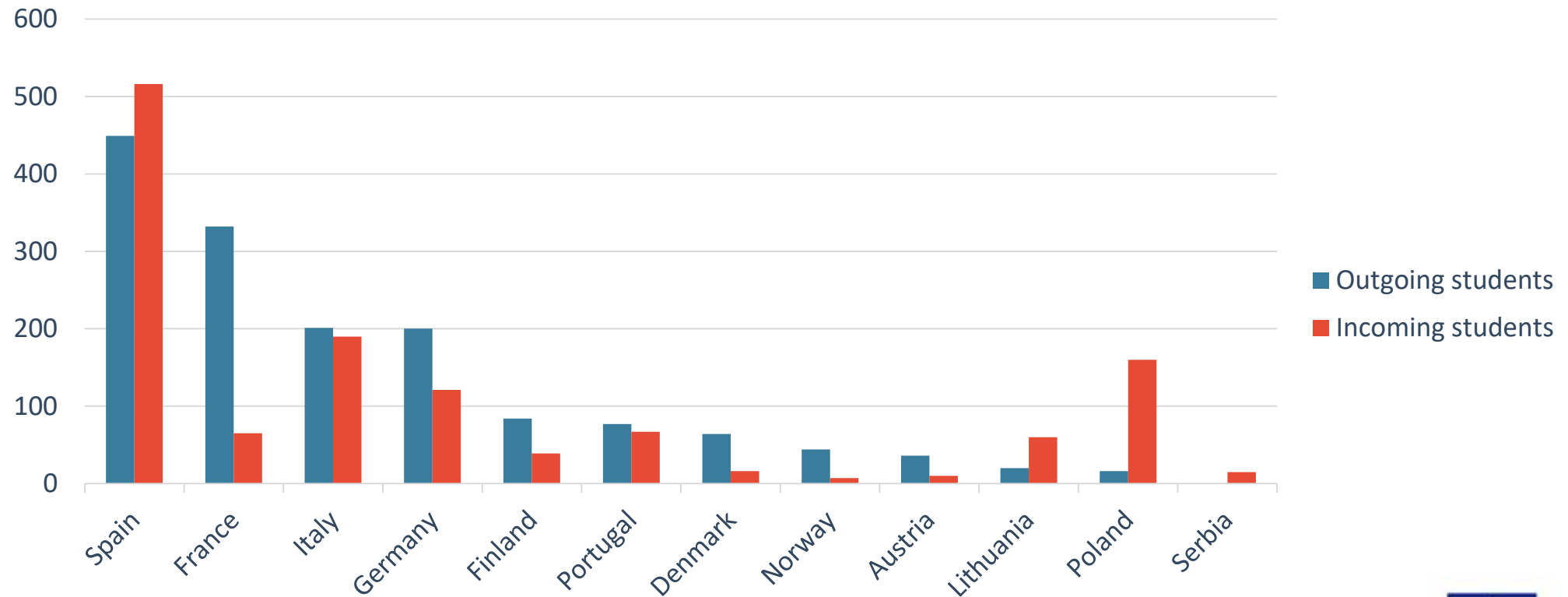
- Quantitative analysis: number of exchange students



- Quantitative analysis: international students



- Quantitative analysis: exchange balance



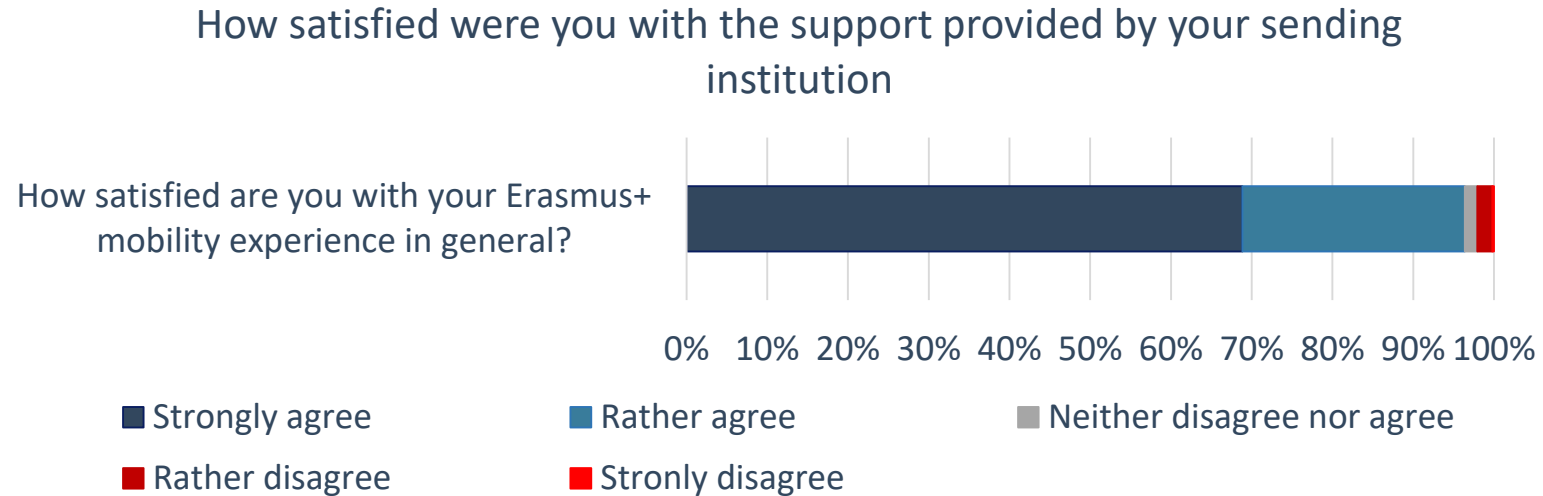
- Qualitative analysis: Study success

Country	Average credits/day*	Average study success**	Reference group
Denmark	0,17	94%	12
Germany	0,15	78,18%	100
Finland	0,15	70,7%	34
France	0,17	74,11%	81
Italy	0,15	58,82%	174
Lithuania	0,16	87,85%	39
Norway	0,16	73,5%	6
Austria	0,16	65,83%	11
Poland	0,16	77,45%	117
Portugal	0,18	71,14%	50
Spain	0,16	78,91%	354

*30 credits/sem =
+/- 0,2 credits/day

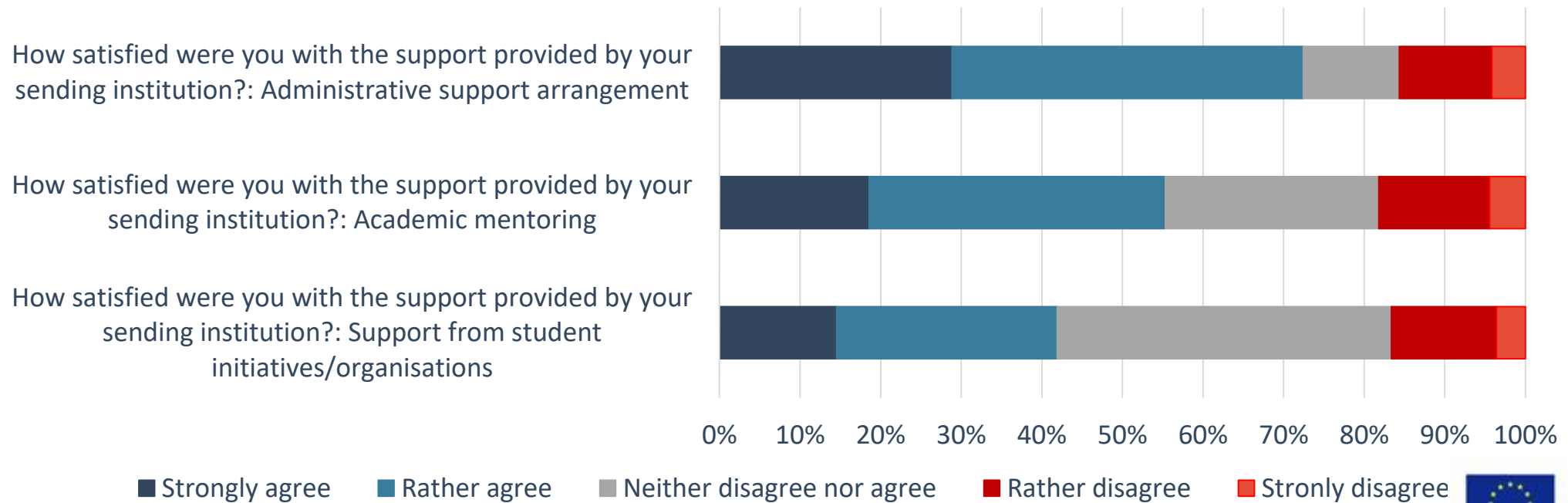
**UGent average = 80%
Exchange average = 70%

- Qualitative analysis: Erasmus Student Survey

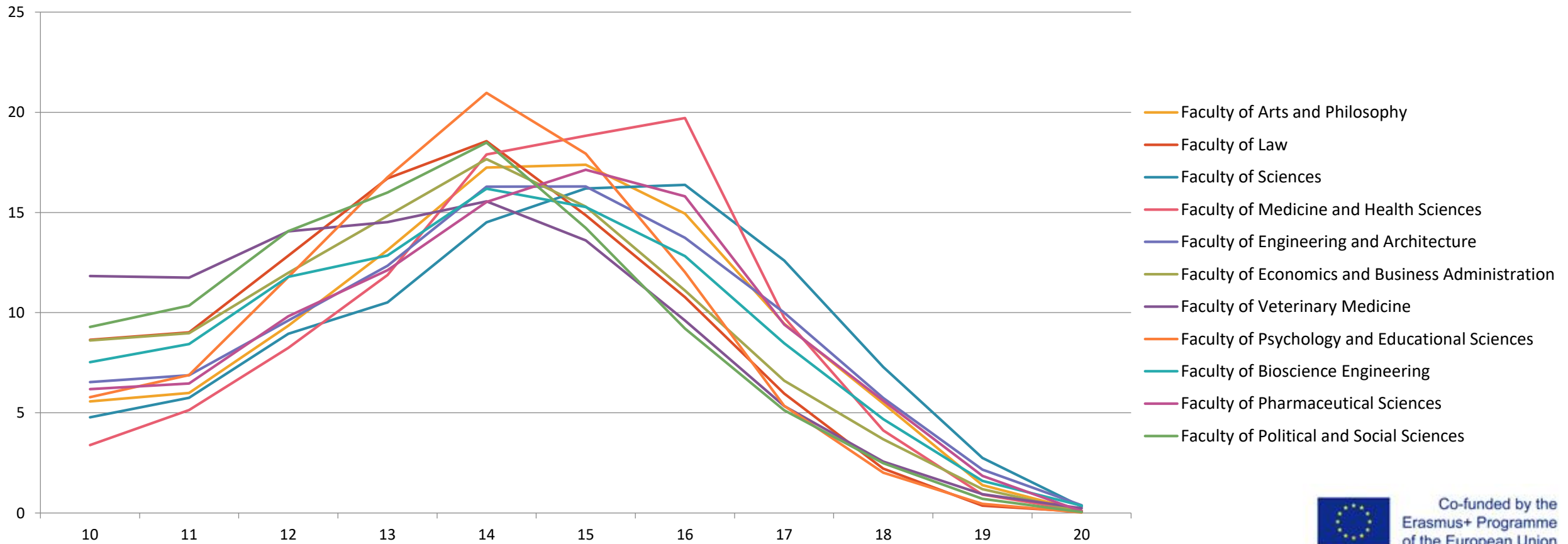


- Qualitative analysis: Internal Quality Assessment Survey

How satisfied were you with the support arrangements provided by your receiving institution



- Grading table Master programmes Ghent University



Data reusability

- Registering doesn't imply data is useable



Data reusability

- Registering doesn't imply data is useable
- Data cleaning often required
- Need for definitions/standards
- Incentive for registration
- Structural modification in data repositories



Standardisation of institutions

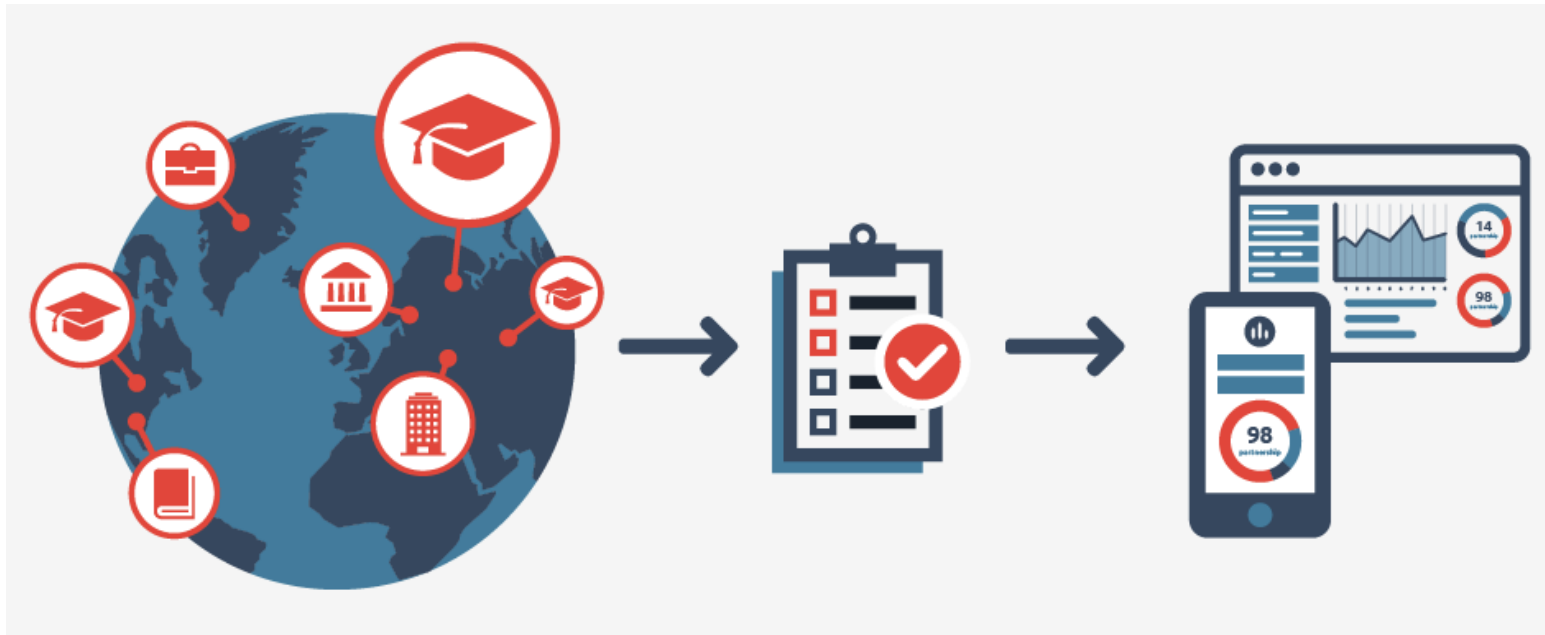
- Erasmuscode: less or more stable - only Erasmus-countries → high availability
- PIC: less stable than Erasmuscode – also non-Erasmus → availability?
- Name institution: not stable at all → high availability

The need to develop a tool for quality assessment of international cooperation

- Structurally measuring quality of cooperation
- Making data widely available
- Based on limited number of indicators but maximum information
- With low work load for the staff involved



Concept



available
data

comparable
scores

easy to read
information



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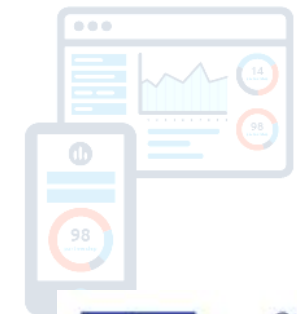
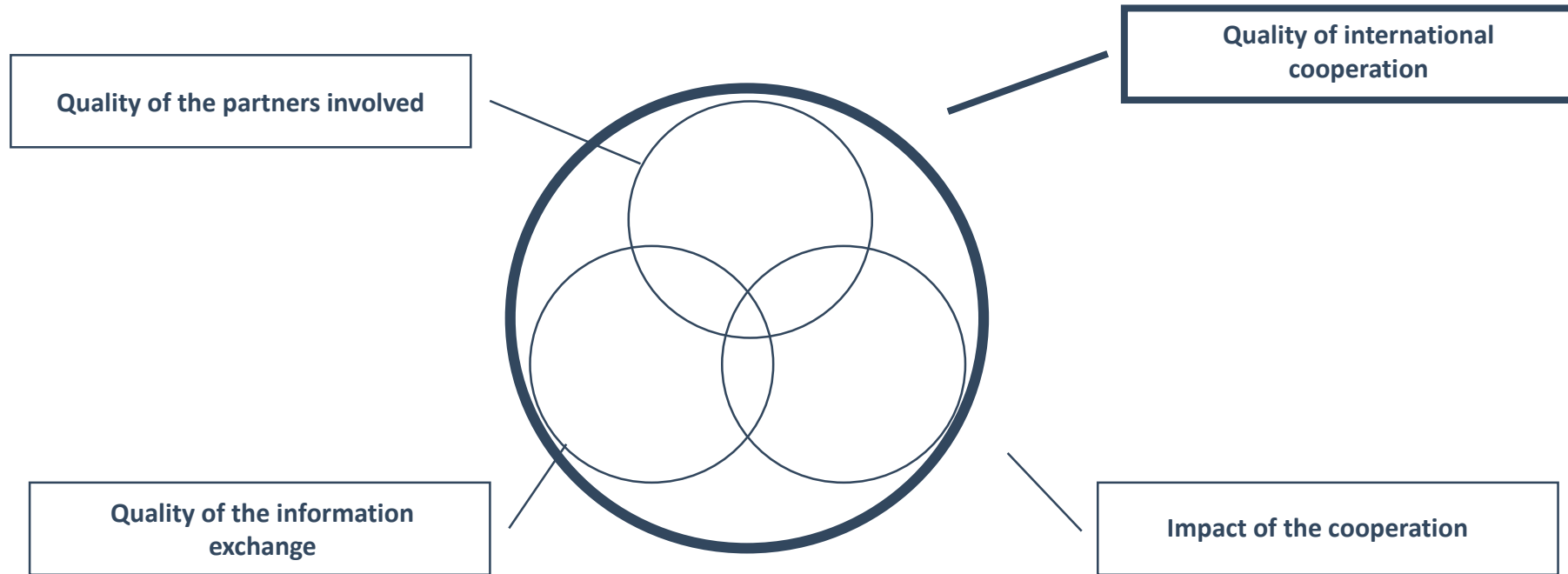


Brainstorm: what makes a good partnership good?

- Individual: write 2 items on sticky note ('5)
- In teams of 2: discuss the four items and write the 2 most important items on sticky note ('5)
- Join another team of 2 and discuss the four items and choose the 2 most important items ('5')
 - Write the two items on separate sticky notes (one item per sticky note)



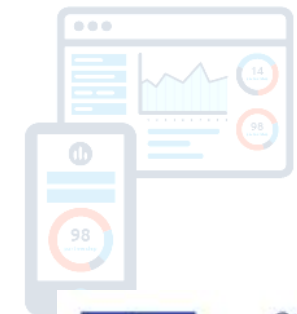
What makes a good partnership good?



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Available data

- Quality of partners
- Quality of information exchange
- Impact of the cooperation

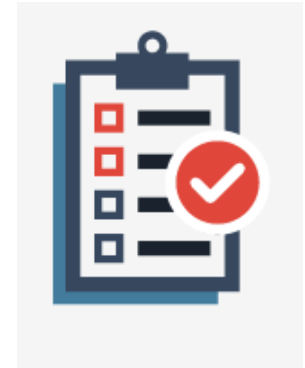


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The indicators

- Parameters for choice of indicators -> limited number!
 - Relevance
 - Availability
 - Measurability
 - Unique source of information
 - No Matthew Effect?

→ From data to indicator scores



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	↑↓	↑↓	↑↓	Support	↑↓	↑↓	Course	↑↓	Exchange	↑↓	↑↓	↑↓
Country	Performance of incoming students ⓘ	Performance of outgoing students ⓘ	and facilities ⓘ	Academic quality ⓘ	Rankings ⓘ	information ⓘ	of mobility documents ⓘ	Mobility rate ⓘ	Involvement ⓘ			
Germany	92.92 ⁽³⁾	94.91 ⁽²⁾	65.69 ⁽²⁾	79.17 ⁽²⁾	94.20	60.00 ⁽²⁾	25.00 ⁽²⁾	76.19 ⁽⁷⁾	8.00			
Belgium	87.78 ⁽²¹⁾	95.37 ⁽⁷⁾			61.32			60.00 ⁽³⁰⁾	76.67			
Italy	64.61 ⁽⁴⁾	87.16 ⁽⁹⁾	74.56 ⁽⁹⁾	65.22 ⁽⁹⁾	59.60	48.57 ⁽⁷⁾	25.00 ⁽⁹⁾	70.83 ⁽³²⁾	70.00			
Belgium	86.68 ⁽¹⁷⁾	91.24 ⁽¹⁰⁾			66.26			74.71 ⁽²⁹⁾	68.33			
Finland	62.32 ⁽¹³⁾	88.90 ⁽³³⁾	79.45 ⁽²⁷⁾	71.28 ⁽²⁷⁾	90.40	43.85 ⁽²⁶⁾	25.00 ⁽²⁷⁾	66.67 ⁽⁵¹⁾	66.67			
Denmark	65.43 ⁽³⁾	92.08 ⁽¹⁷⁾	66.97 ⁽¹⁵⁾	82.43 ⁽¹⁵⁾	92.34	80.00 ⁽¹³⁾	25.00 ⁽¹⁵⁾	54.17 ⁽²⁴⁾	65.00			
Spain	73.45 ⁽⁹⁾	81.61 ⁽²⁶⁾	57.46 ⁽²²⁾	52.34 ⁽²²⁾	19.91	52.38 ⁽²¹⁾	25.00 ⁽²²⁾	61.90 ⁽⁴²⁾	65.00			
Spain	77.15 ⁽²⁰⁾	77.45 ⁽²⁸⁾	60.82 ⁽²²⁾	58.20 ⁽²²⁾	27.36	72.50 ⁽²⁰⁾	25.00 ⁽²²⁾	75.15 ⁽⁵⁵⁾	60.00			
Romania								16.67 ⁽¹⁾	6.00			



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Reports & visualisation

- For broad public
- Extra background
- Easy to read & interpret



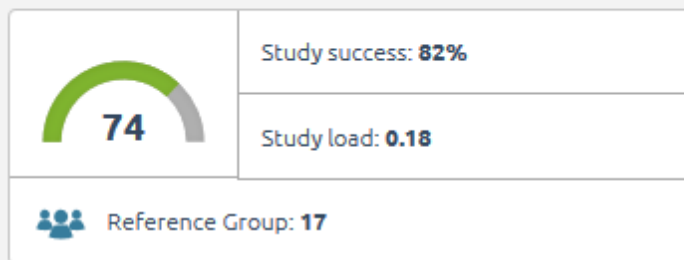
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 **Intervention required**

 **Fair**

 **Good**

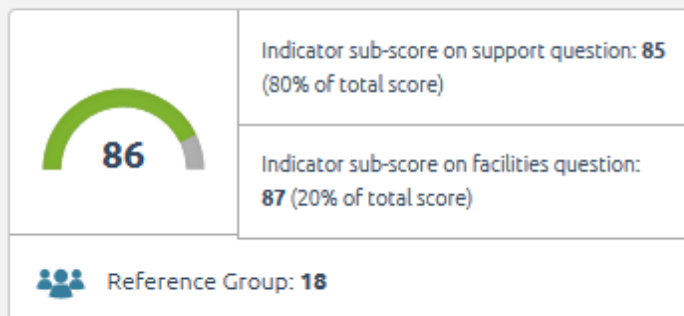
Performance of incoming students



This indicator tells us something about the performance of the incoming students from Ghent University by assessing their study success combined with the study load. The average number of credits incoming students from Ghent University take per day is 0.18 ECTS (30 ECTS per semester equals about 0.20 per day). The study success of the incoming students is 82%.

To calculate the indicator score the completed credits are divided by 0.20 * the number of days.

Support and facilities

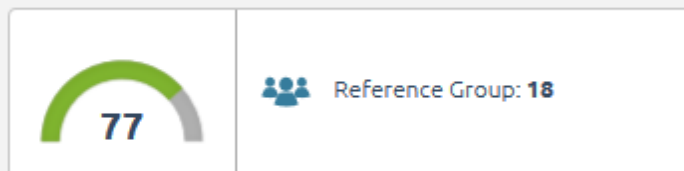


Support and facilities at the host institution gives an indication of the satisfaction of outgoing students with the support and facilities at Ghent University. The score for this indicator is based on feedback from outgoing students.

To calculate the indicator score the support-questions count for 80% towards the final score, the facilities count for 20% (if this information is available¹).

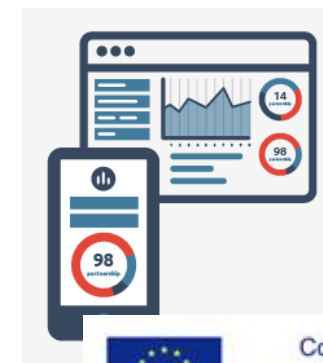
¹ For institutions that only host trainee students, facilities will not be taken into account as there is no question on this topic in the questionnaire for trainee students.

Academic quality



The indicator on academic quality is based on the feedback of outgoing students to Ghent University. In the context of this indicator, academic quality is the combination of three elements: degree of learning support; quality of teaching methods and quality of the course content².

² In the feedback from trainee students academic support is taken into account for this indicator.



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Rankings



ARWU: 61
THE: 81
QS: 102

The rankings indicator takes three major rankings into account: the Academic Ranking of World Universities (ARWU), the World University Rankings from Times Higher Education (THE) and the QS University Rankings (QS). Institutions that appear in the top-500 of at least two of the rankings will get an indicator score based on their average position in the rankings. The highest ranked institution gets the highest indicator score.

Course catalogue information



 Reference Group: **18**

This indicator evaluates the availability of information necessary to complete the learning agreement. It is based on the feedback from students. They indicate whether the course catalogue was: up to date (+4); available in time (+3); complete (+2); published on the website (+1).

Exchange of mobility documents



 Reference Group: **18**

For the indicator on the exchange of mobility documents, student feedback was taken into account for half of the total score. Two elements are taken into account here: was the learning agreement signed by the host institution and did students receive their transcript of records in time?

Ghent University has not yet uploaded a grading table in the Egracons tool (50% of the total score) so the maximum score it could get on this indicator is 50.

Mobility rate

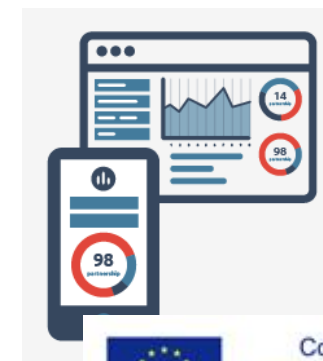


Outgoing: 21 (students) - 0 (staff)

Incoming: 17 (students) - 0 (staff)

 Reference Group: **38**

The mobility rate indicator is based on all incoming and outgoing student and staff mobilities with Ghent University for the selected academic years. 50% of the total score reflects whether there has been a mobility in each academic year (yes or no). The other half of the score is based on the overall balance between incoming and outgoing mobility flows for both students and staff.



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Data templates

- Reuse existing templates
 - Participant report Erasmus+
 - Reporting template Erasmus+ (+ credit information)
- Consistency in naming
- All column headers should be present
- Only relevant information
- One upload different for indicators (if all information is available)



Data templates

Student mobility - outgoing				
Field name	Mandatory (*)	Possible value	Data definition	Indicator
Receiving Organisation PIC		numeric value, 9 characters	The PIC ("Participant Identification Code") of the institution. If the Erasmus Code is entered this field isn't required	Performance of outgoing students; Mobility rate
Receiving Organisation Erasmus Code			The Erasmus Code of the institution that has been awarded with the Erasmus Charter for Higher Education. If a PIC is entered this field isn't required	Performance of outgoing students; Mobility rate
Receiving Organisation Legal Name	* If no PIC or Erasmuscode		The official name of the institution/organisation	Performance of outgoing students; Mobility rate
Receiving Organisation Country	* If no PIC or Erasmuscode	two characters	Two character ISO code for country	Performance of outgoing students; Mobility rate
Receiving Organisation Website			Webaddress of the receiving organisation	Performance of outgoing students; Mobility rate
Field of Education		numeric value, 4 characters	ISCED 2013 field of studies	Performance of outgoing students; Mobility rate
Start Date	* for indicator 'performance of outgoing students'	DD-MM-YYYY	The date on which the mobility activity started	Performance of outgoing students
End date	* for indicator 'performance of outgoing students'	DD-MM-YYYY	The date on which the mobility activity ended	Performance of outgoing students
Credits taken	* for indicator 'performance of outgoing students'	numeric value	The number of credits the student takes during the mobility period	Performance of outgoing students
Credits successfully completed	* for indicator 'performance of outgoing students'	numeric value	The number of credits students successfully complete during the mobility period	Performance of outgoing



Data templates

- Field name → should exactly match
- Mandatory → if * field is mandatory
- Possible value → expected format (not for all columns)
- Data definition → explanation
- Indicator → indicators that use data upload

Field of education

- Optional in all uploads
- Crucial for analysis at ‘faculty/department/programme level’
- ISCED2013 (data dictionary mobility tool)



Preparing data sets

- What if certain data is lacking?
- Data cleaning required
- Test with limited data set



Standardisation of institutions

- If institution is not in eQuATIC database: “institution not found” notification
- Should be added by ‘super admin’
- Data should be linked to correct institution (internal consistency)
- Analysis over institutions: need to capture the right institution (external consistency)
- Some indicators based on general data upload



Goal:
**“An online peer assessment tool for
quality in international cooperation”**



Peer assessment

- Based on mutual data input
- Generate reports on quality of international partners
- Reports on your own quality as perceived by your partners
- In order to improve the quality on both sides of the cooperation
- International test users during project phase
- From now on open to all interested institutions

Assessing quality of partnerships amongst Higher Education Institutions

Upscaling use of eQuATIC

- Create support mechanism
 - Guidelines on data gathering and reusability
 - Research on inter-institutional partnerships and practices
 - Peer assessment toolbox
 - Self-assessment functionality
 - Training Scheme

Project partners



Contact

Project coordinator – paul.leys@ugent.be



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