



Survey of Exchange between Mining Faculties of Students and Lectures

SOMP Meeting 2008, 16. – 20.05.2008



Dep. Surface Mining & Drilling
Prof.C.Dr.-Ing. Niemann-Delius

SOMP 2008

**RWTH AACHEN
UNIVERSITY**

Intention

Survey of programs and vital structures
for exchange of students and lectures actually used

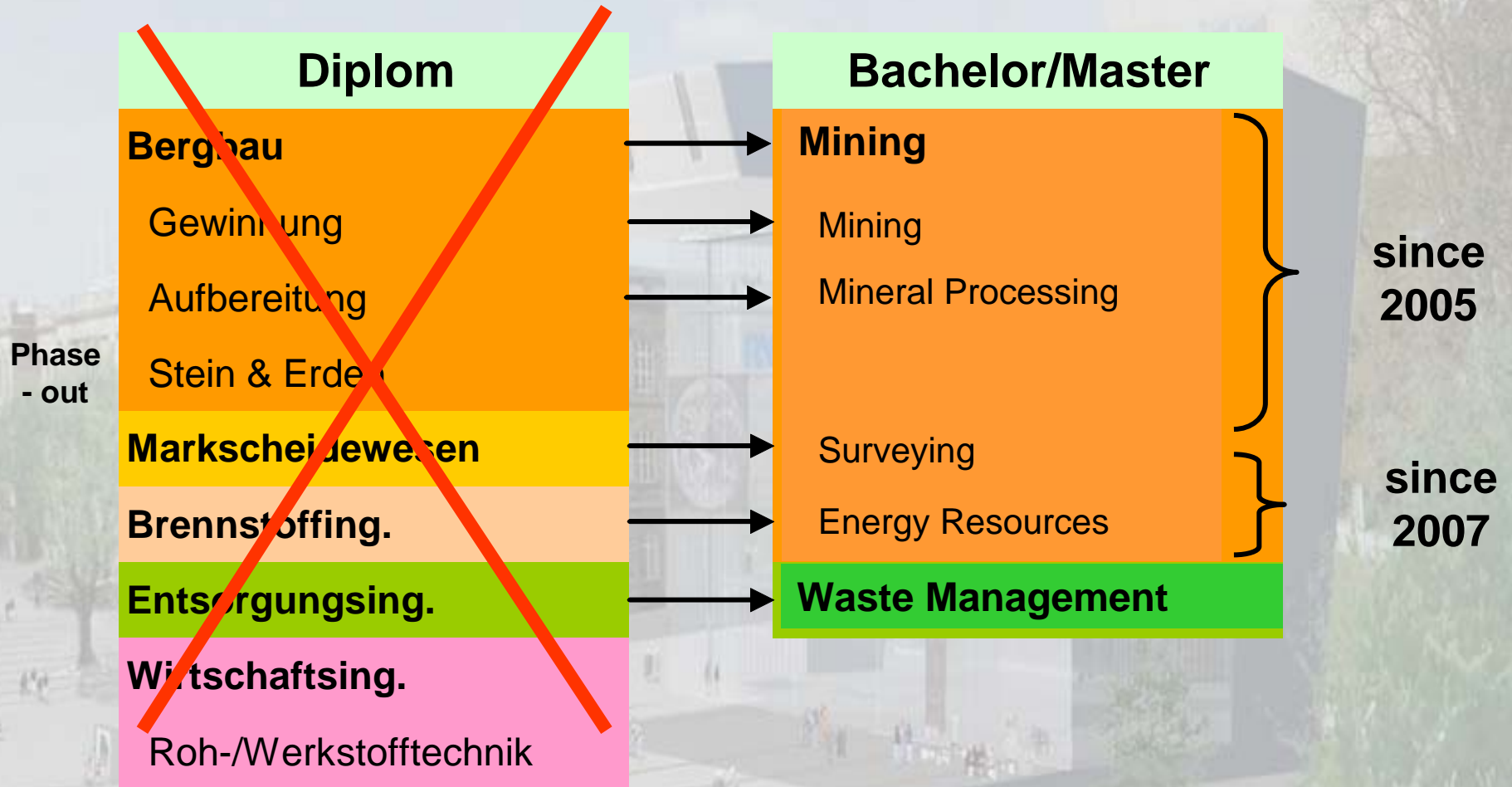
1. Context (Programs and Bologna-Process)
2. Exchange
 - RWTH, Dep. of Mining and Waste Management
 - Findings from the SOMP Survey
3. Summary / Conclusion



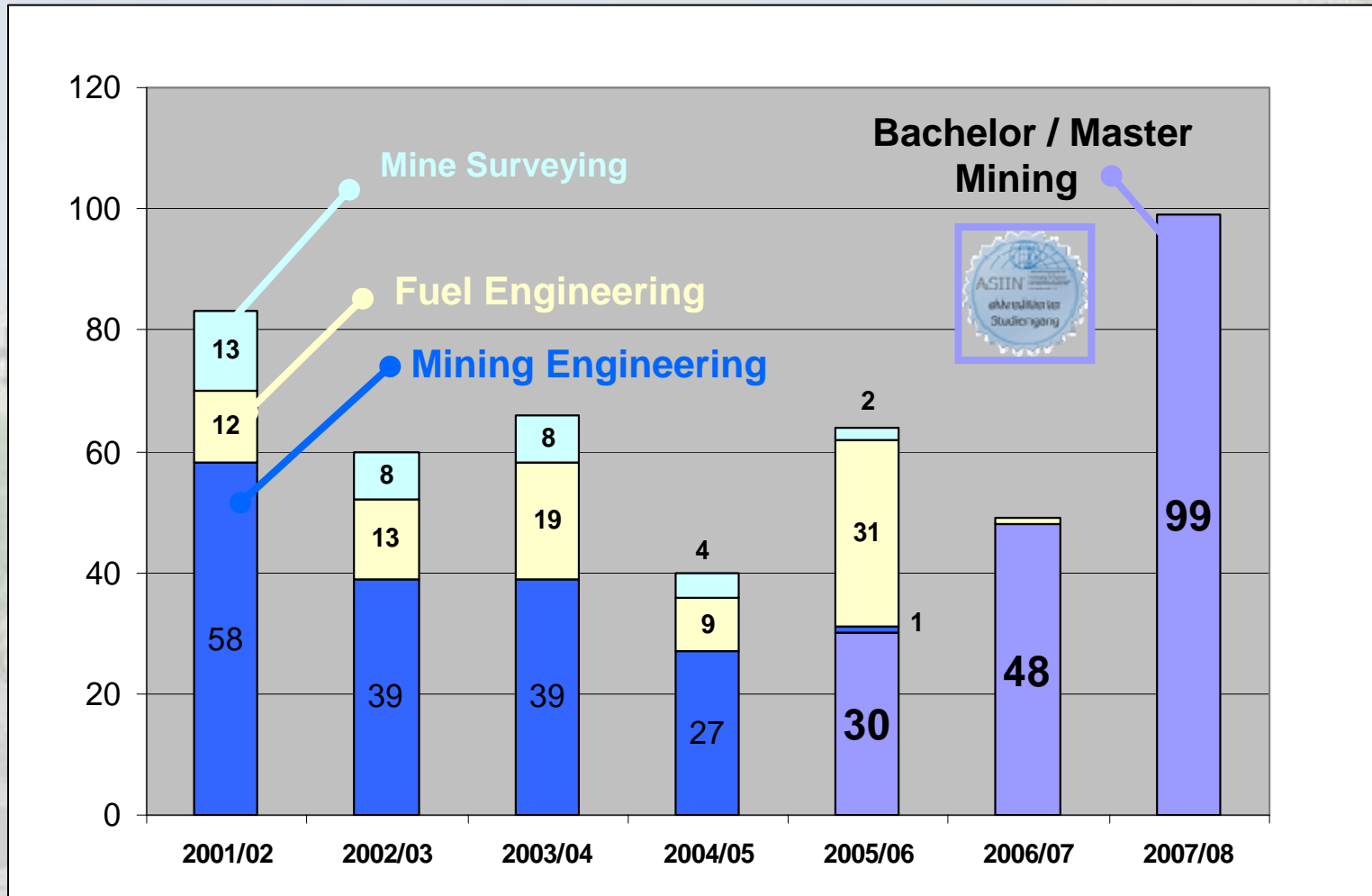
„Mining“ Courses within the Mining Department

Previous

Now



New Students for Mining Programs 2001 to 2007

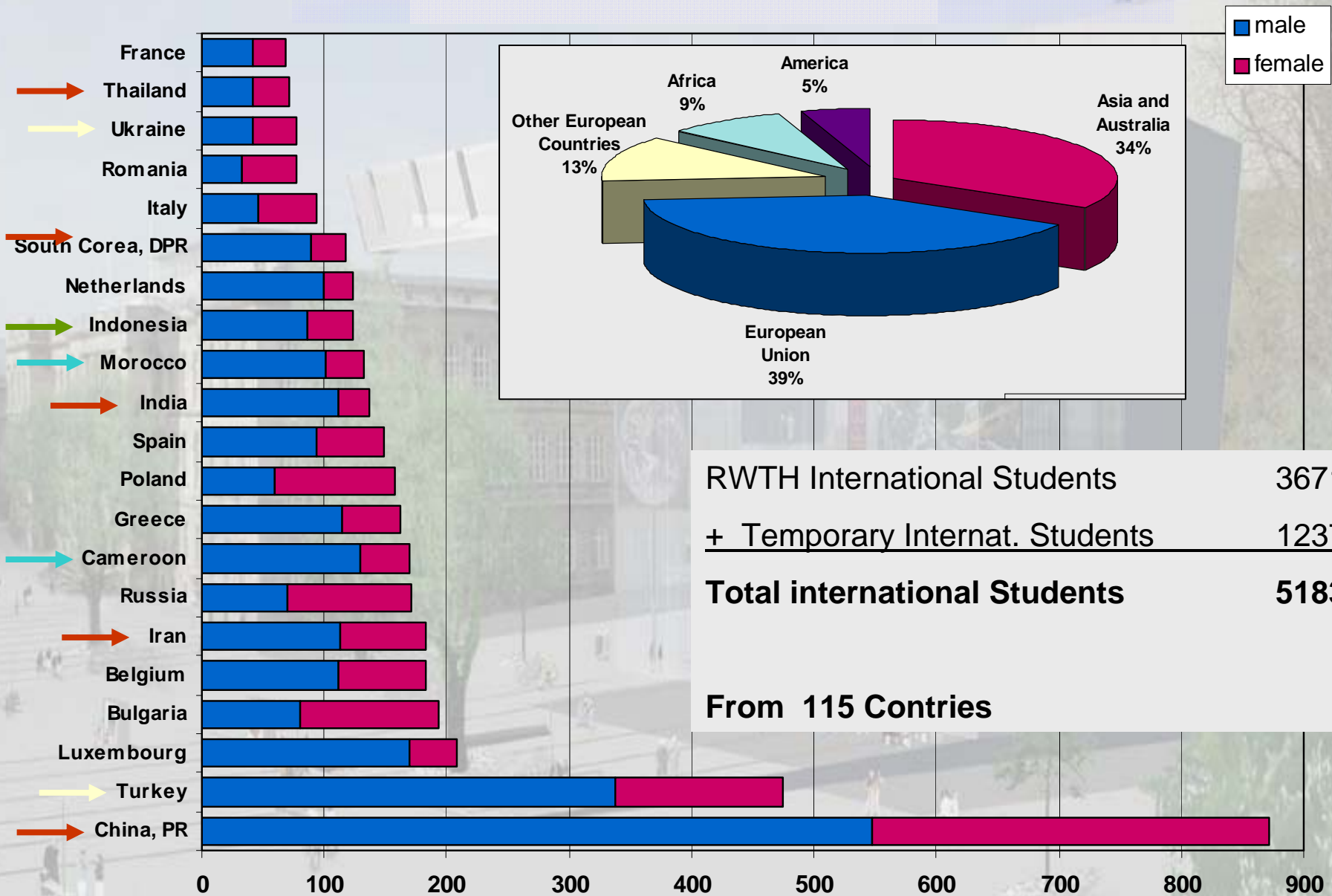


Stand der Neueinschreiber WS 07/08 1. Oktober 2007 - WS und SS zusammengefasst – ab WS 07/08 incl. 5 Master Studierende
 ROI ab WS 05/06 Bachelor-/Masterstruktur (Zahlen incl. Brennstoffingenieurwesen und Markscheidewesen)

BSc. Entsorgungswesen = 71



RWTH International Students 2007/08



RWTH International Students	3671
+ Temporary Internat. Students	1237
Total international Students	5183
From 115 Contries	

STAFF OF RWTH AACHEN UNIVERSITY 2007

	RWTH without Medical Institutions		in Relation to 30.000 students
	total	women	
Academic Staff	1,417	230	21,2
<i>Professors</i>	325	21	
<i>Other Academic Staff</i>	1,092	209	
Non-academic Staff	1,857	762	16,2
<i>Civil Servants</i>	121	77	
<i>Employees / Workers</i>	1,736	685	
Total	3,274	992	9,2
Trainees and Interns	743	160	
Staff External Funding	1,761	358	
Grand Total Staff (annual full-time equivalent)	5,779	1,509	5,2
Student / Research Assistants	1,799	508	

Exchange

RWTH, Dep. of Mining and Waste Management

- temporary exchange of students almost totally within Socrates Erasmus Program
- other in-coming only “full program” students
- other out-going (non-EU) singular cases
- majority of SEP students participate in FEMP
- Exceptions: in-coming students from
Poland, Turkey, Estonia, Spain
total aprox. 6 per year

But up to 25 % of mining students do internship abroad !

AUS, SA, Canada



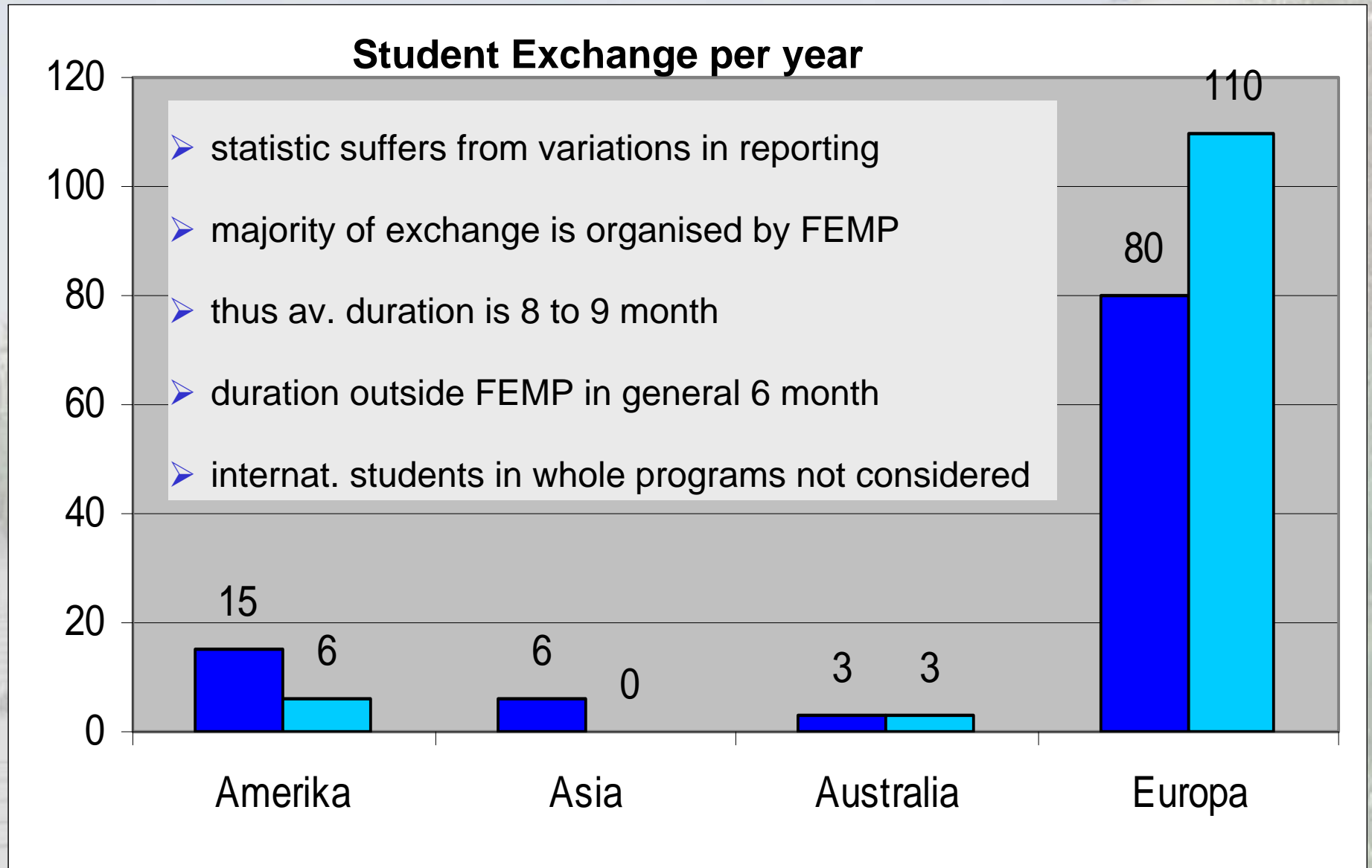
Findings from the SOMP Survey

Total number of data sets received (16)

- **America:** **CAN, USA (3)**
- **Asia + Australia:** **AUS, Japan**
- **Europe:**
 - Belgium,** **Bulgaria,**
 - Czech Rep.** **Finland**
 - Germany (3)** **Greece**
 - Poland (2)**
- **Universities with notable overseas Exchange**
Queens (AUS), VT (USA), TUBF(G)



Findings from the SOMP Survey (Student Exchange)



Findings from the SOMP Survey (Lectures Exchange)

- statistic suffers from variations in reporting
- total number of faculties with exchange of staff (8)
- no recent exchange was reported from
 - America: CAN, USA
 - Australia: AUS
 - Europe: Belgium, Finland
- those faculties claiming exchange often had high numbers, namely Czech Rep., Bulgaria, Hungary, Germany (TUBF)
- total number of cases reported over the last five years in-coming (39) vs. out-going (11)
obviously in-coming originated from universities not participation in the survey
- duration of stay was between 1 week and 2.4 month



Summary

- EU-Socrates Erasmus Program favours student exchange
- Majority of exchange is channelled by FEMP
- oversees exchange is by individual agreements
- 16 universities reported
- total out-going students average per year 80
- total in-coming students average per year 110
- one university: one in-coming; 0,3 out-going lecture per year

Conclusion

- Further internationalisation of mining education through exchange between Universities and internship to be promoted by SOMP
- Hindrance to student exchange to be discussed
- Database to be distributed to members of SOMP, but
- Survey not be continued regularly



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