



UNIVERSITY

.....

OF APPLIED SCIENCES

De Ruyter Academy



DE RUYTER ACADEMY

- Energy & Process Technology
- International Maintenance Management
- Officer of Maritime Operations
- **Logistics Engineering**

AFFINITIES?

- You want to use technology for people and society: to make life better and more enjoyable
- You have a talent for innovation
- You want to research, design and develop
- You want to learn more than “just” technology: management, communication, company processes
- You want to have excellent career opportunities and a good salary, right from the start



DE RUYTER
ACADEMY

LOGISTICS ENGINEERING

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BACHELOR OF INTERNATIONAL LOGISTICS



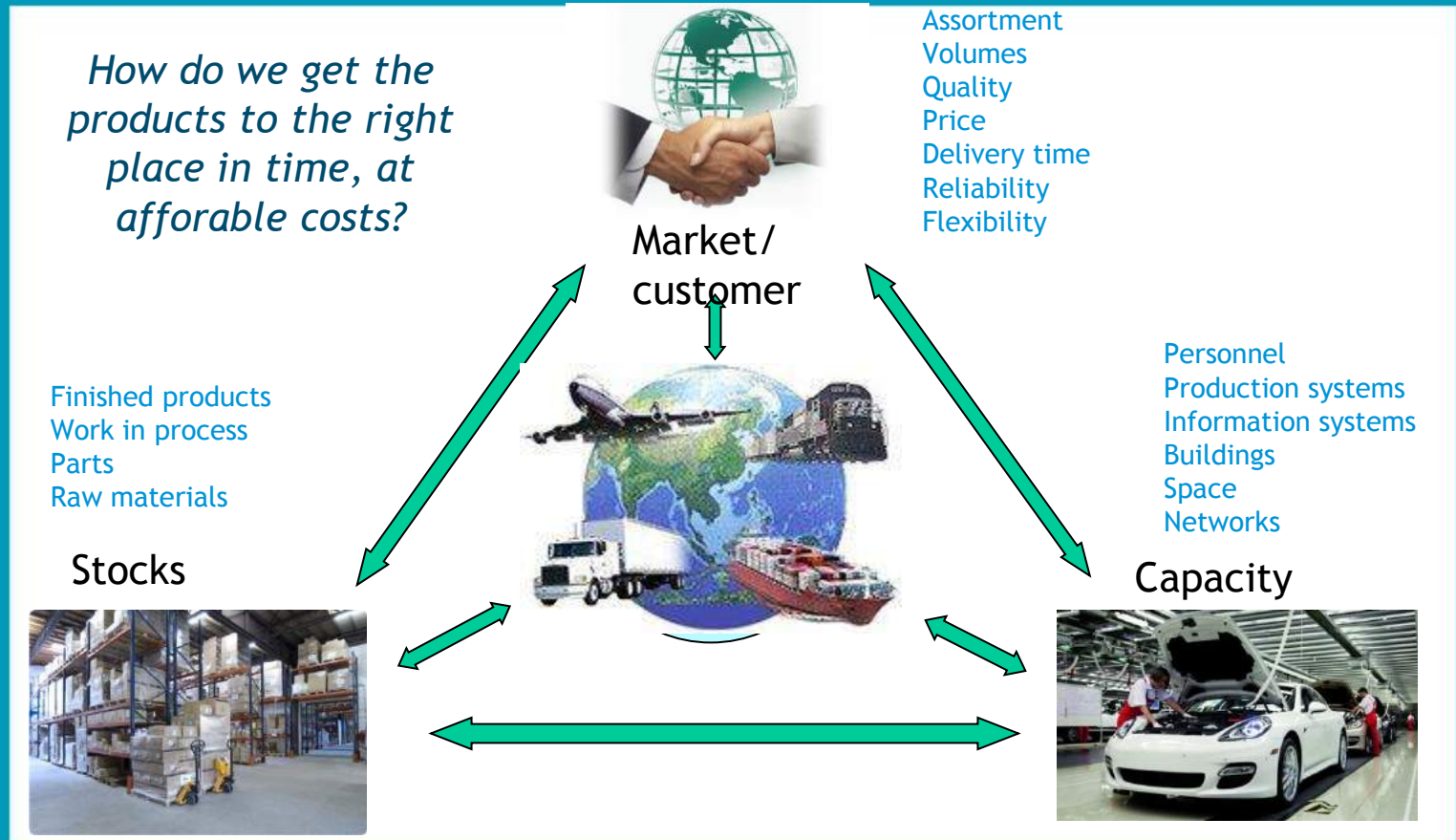
Making the World Move

THIS PRESENTATION IS ABOUT

- What is Logistics?
- What can you achieve by studying logistics?
- What are the courses of this education?
- Bachelor of International Logistics →
internships and minors abroad
- Admission requirements
- Questions?

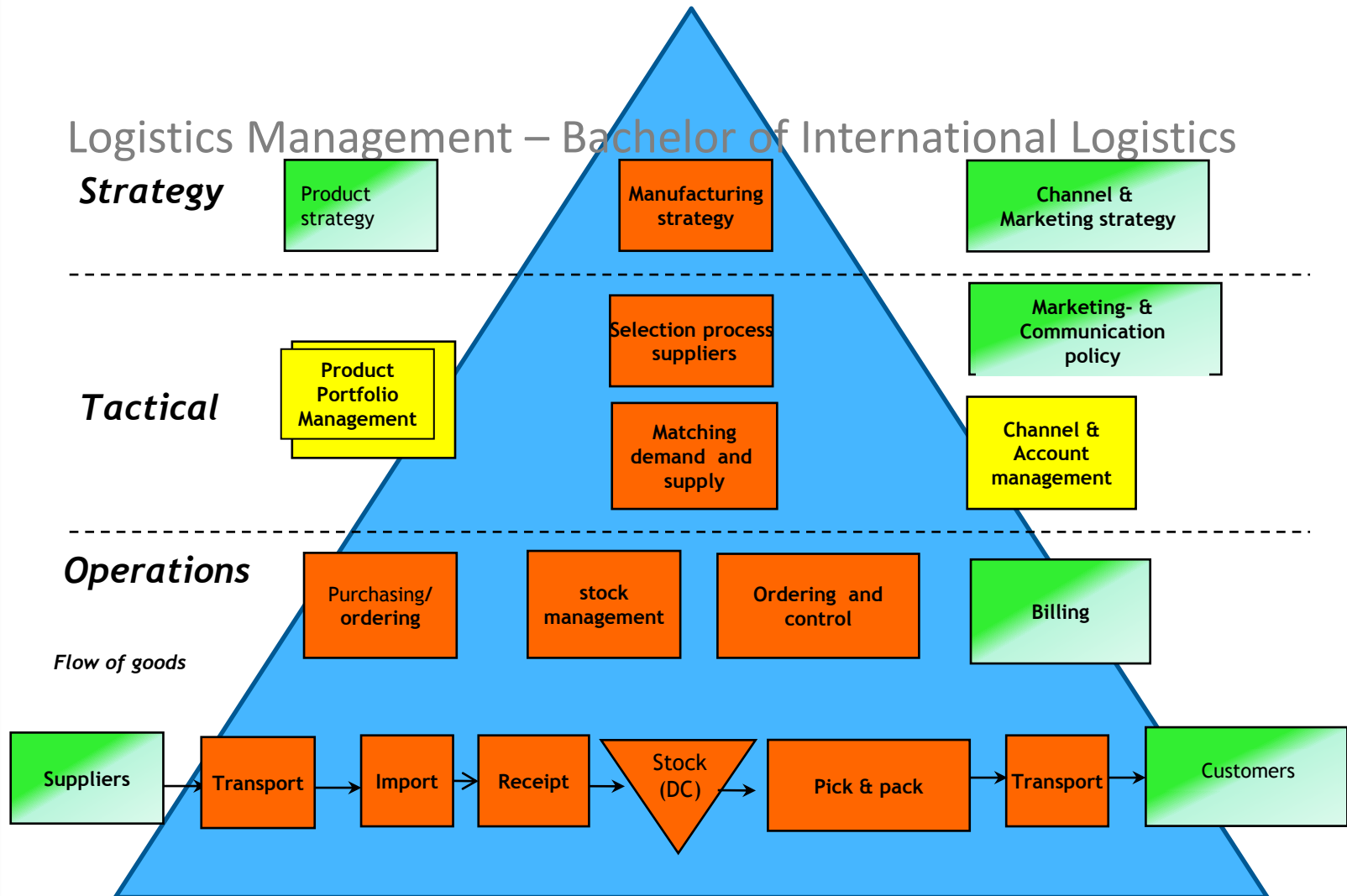
WHAT IS LOGISTICS?

THE LINK BETWEEN COMPANY DEPARTMENTS AND ALSO BETWEEN THE COMPANY AND ITS CUSTOMERS AND SUPPLIERS



WHAT IS LOGISTICS - LEVELS

Logistics Management – Bachelor of International Logistics



LOGISTICS PROFESSION

You will learn how to act at different levels: operational, tactical and strategic.





EXCELLENT CAREER OPPORTUNITIES

- All over the world
- Jobs with a lot of responsibility
- Good salaries (from min. € 2500 at start to max. € 8000, Source Intermediair and Volkskrant)
- The average age of logistics employees is rising; chances for young people
- Companies put a lot of effort into recruitment of young employees

STARTING SALARIES (DUTCH, IN EURO'S)

	HBO	WO
• <i>Industry</i>	2420	2833
• Building and construction	2383	2501
• <i>Transport</i>	2600	3279
• <i>Wholesalers</i>	2263	2843
• <i>Retail</i> and catering	1863	3150
• Finance	2386	2853
• Legal services	2647	2693
• HRM services	2188	2654
• ICT services	2288	2870
• Commercial <i>health services</i>	2307	2820
• Other business services	2518	2611
• <i>On average</i>	2364	2748



DO YOU RECOGNIZE YOURSELF?

- Dynamic person
- Likes to communicate
- Has a broad interest and is curious
- Wants to gather knowledge and information (in an efficient way)
- Likes to plan and organise
- Is analytical, (fairly) accurate and enterprising
- Thinks first, than acts
- Knows how to choose the right priorities
- Is critical and persisting
- Has an individual personality and can cooperate well
- Has a practical attitude and aims to improve things
- Can ask the right questions

FIELDS OF EMPLOYMENT

 MAERSK LINE, LIMITED

- Shipping companies
- Transport and distribution centers
- Logistics service providers
- Shipping agents (intermediaries)
- Consultancy firms
- Government and port authorities
- Logistics departments at production companies
- Logistics departments at wholesalers and retailers
- Air transport
- Catering companies
- Logistics departments in healthcare et cetera...



P&O **Nedlloyd**



Zeeland Seaports



EXAMPLES OF JOBS

- Logistics consultant
- Materials manager
- Purchasing manager
- Supply chain planner
- Manager distribution center
- ICT specialist logistics
- Manager physical distribution
- Transport planner



STUDENTS LEARN

- How to *analyse* flows of goods
- How to **control** flows, stocks, information and money
- How to **connect** different types of transport
- **Understanding** of technical equipment
- **Knowledge** of legal requirements and safety measures
- How to **balance** costs and benefits
- Computer **simulation** of complex processes
- **Communication** and people **management**

LOGISTICS: FIRST YEAR

	Quarter 1		Quarter 2		Quarter 3		Quarter 4	
Year 1	The Transport specialist		The Warehouse manager		The Event organiser		The Purchasing specialist	
	CU14141 Introduction to international logistics	5	CU14149 Warehouses and DC's	5	CU14148 Human logistics 1 – Event logistics	5	CU14146 Purchasing management	5
	CU14142 Intermodal transport	5	CU14145 Business & Information Systems	5	CU03739 Basic statistics	2,5	CU14144 Operations management & simulation	5
	CU14152 Logistics study and professional orientation 1		1,25		CU14153 Logistics study and professional orientation 2		1,25	
	CU14044 Finance		5		CU14241 Organisation & management		5	
	CU06387 Basic mathematics		2,5		CU15380 Workshops Excel for Logistics		2,5	
	CU10640 Business English 1		1,25		CU10641 Business English 2		1,25	
							5	

LOGISTICS: SECOND YEAR

	Quarter 1		Quarter 2		Quarter 3		Quarter 4	
Year 2	The Production planner		The International distribution manager		The Logistics project and change manager		The Supply chain analyst	
	CU15382 Production planning & stock control	5	CU15386 Physical distribution	5	CU15375 Logistics project & change management	5	CU15387 Supply chain management INT S4	5
	CU04045 Business law	2,5	CU15474 Export management INT	2,5	CU15390 Management skills training	5	CU15388 Lean six sigma for logistics	2,5
	CU15385 Shipping agent	2,5	CU15412 Know the ship	2,5			CU15389 Human logistics 2 – Care logistics	2,5
	CU09424 One day internship S3 <i>or</i> (CU04029 Student Company One + CU15442 SC Workshops Logistics INT S3)		3,75 (2,5 + 1,25)	CU09425 One day internship S4 <i>or</i> (CU04043 Student Company Two + CU15445 SC Workshops Logistics INT S4)		3,75 (2,5 + 1,25)	CU10642 Business English 3	
	CU10642 Business English 3		1,25	CU10643 Business English 4		1,25	CU14043 Marketing	
	CU14043 Marketing		5	Free composition		5		

LOGISTICS: THIRD AND FOURTH YEAR

- **Sem 5: Internship**
- **Sem 6: Minor**
 - Logistics research minor
 - HZ alternatives (for instance: minor consultancy, entrepreneurship, international marketing relations)
 - External minor at a foreign University
- **Sem 7: Specialization**
- **Sem 8: Graduation Internship**

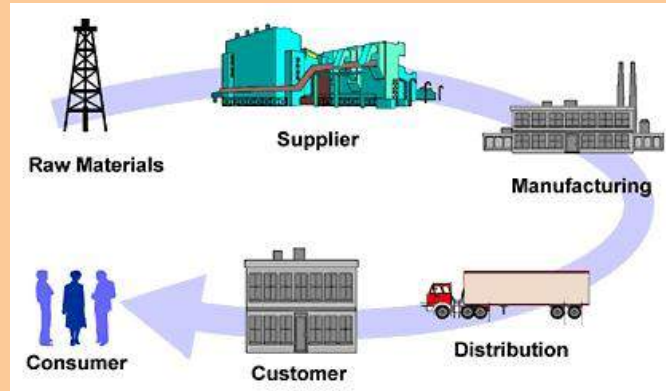
LOGISTICS ENGINEERING: SPECIALISATIONS IN



Maritime Logistics



Supply Chain
Management



Human Logistics



PRACTICAL APPROACH

- Several (international) excursion trips
- Several company assignments and projects
- Student company during second year
- First internship period of 100 days during third year
- Graduation internship / thesis of 100 days during fourth year



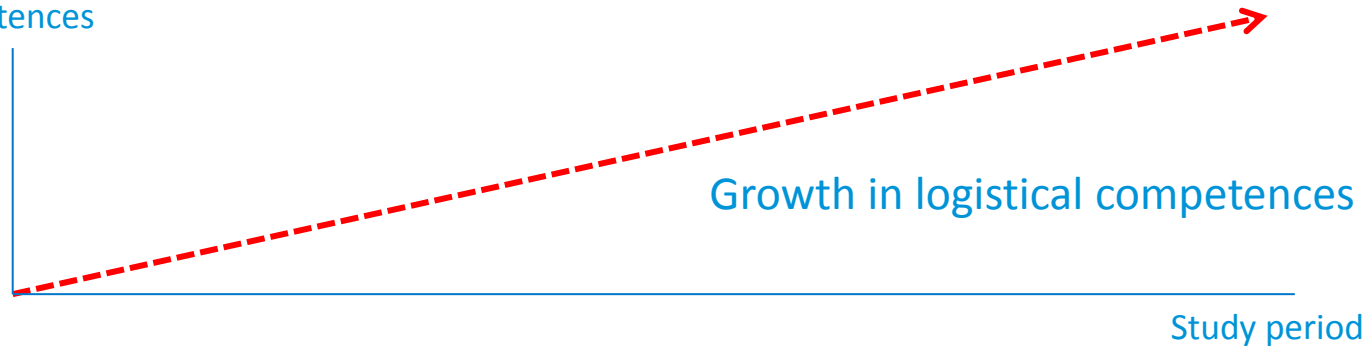
INTERNATIONAL STUDY OPPORTUNITIES

- Internships abroad (e.g. Malaysia, Australia, Germany)
- Minors abroad (e.g. Canada, Austria, France)
- Several students have assisted lecturers in Nanjing, China



PERSONAL SKILLS & DEVELOPMENT

Competences



Starting student:	After first year	Starting professional
<ul style="list-style-type: none"> • Practical • Focus on short term planning • Suited for the fast & dynamic logistic world • Confronting • Nonchalant • No number 1 mentality • Low motivational skills 	<ul style="list-style-type: none"> • Focus on problems instead on solutions • Starting skills on team work • Starting in drive for success • Feel on expert ship • Planning • Feeling of right destination and comfort within logistics area and education • Social expertise (level 1) • Dreaming (future focus) • Realization of own talents • Sensing own talents 	<ul style="list-style-type: none"> • Professional • Ready to start • Competent in logistics • Communicative • Ending level on social expertise • Group worker • Able to perform in different roles • Top down thinking • Supply chain player/expert • Curious • Proud HZ Bachelor

STUDY SUPPORT BY PERSONAL ASSESSMENT AND

SUPPORT FROM STUDY COACH

Student impression of own
competence growth



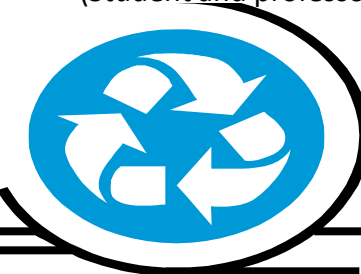
Educational view on
performance growth



Individual evaluation of student growth
(Student and professor)

Attention points on
personal growth

Support from education
for personal growth



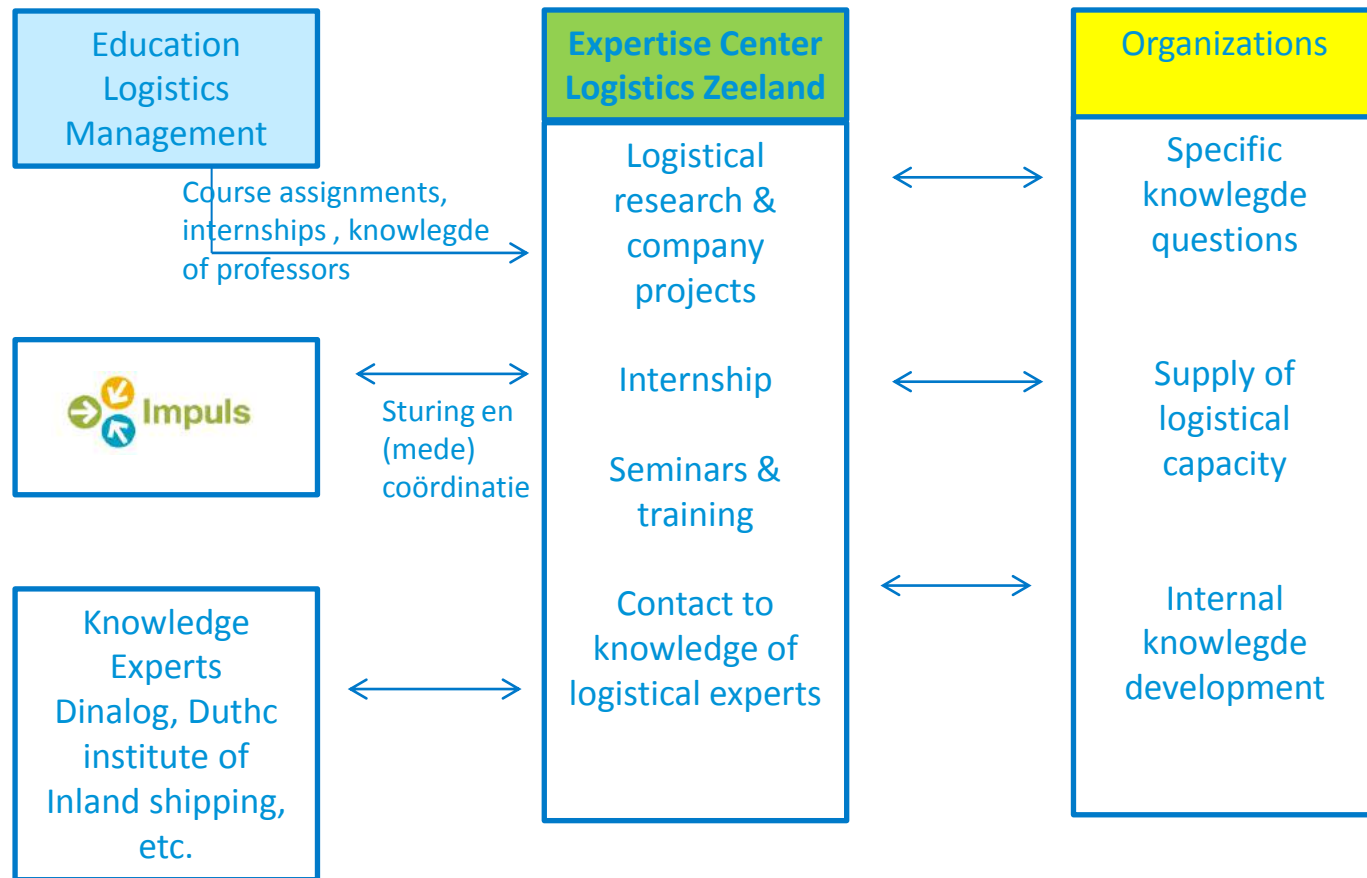
Mutual view on personal
development

LOGISTICS & RESEARCH

There is a strong relationship between the Education Logistics Engineering and the Logistic Expertise Center Zeeland.

- The Expertise Center Logistics Zeeland offers a platform where HZ University of Applied Science, regional and international organizations work together for develop and implement logistical expertise to create added value.
- The education Logistics Engineering executes research projects for the Expertise Center Logistics Zeeland together with organizations involved in the Expertise Center.

EXPERTISE CENTER LOGISTICS ZEELAND



ADMISSION REQUIREMENTS

- Qualification equivalent to a Dutch secondary education that includes Economics
- Good command of written and spoken English (IELTS score of 6.0) *

** Otherwise: pre-programme course of English at HZ in February*