COMPETENCE BASED
FUTURE PROOF EDUCATION
AND TRAINING FOR
INLAND NAVIGATION

Presentation for United Nations’
Economic Commission for Europe
October 8th, 2020
Jan Smallegange MSc, STC Group
STUCTURE OF THE PRESENTATION

- Welcome
- Introduction
- Overview of COMPETING
- State of play
My Name: Jan Smallegange
Age: 51 years old
Father of two children (son, daughter)
Member of Lions Club International (“We Serve”)
STC Group since January 2020 > senior project manager
• Certified for Prince2
• Certified Project Management Professional in Education
• Master in Business Administration
Previous work experience

Project manager/grant writer since 1997;
Working in the VET sector since 2007 (3 consecutive institutions);
Experienced in national and international projects
EU DIRECTIVE 2017/2397 (Dec. 12\textsuperscript{th}, 2017)

- Recognition of professional qualifications
  - Standards for competences
  - Standards for examination
- Allowing re-definition of OL and ML functions.
What if we do nothing?

> By Jan. 17th, 2022, STC Group (marketleader in the Netherlands) and the consortium will be out of business
Partnership:
• 11 IWT e&t institutes
• 4 social partners
• 8 EU countries
Budget: appr. 1 million euro
• Funded by: Erasmus+
Duration: 3 years
MAIN OBJECTIVES

- harmonised lessons material
- increased labour mobility
- level playing field for all employees
- improved safety on rivers
STANDARDIZATION

Competence-based standards for...

- Navigation
- Cargo handling and passenger transport
- Maintenance and repair
- Operation of the vessel
- Marine engineering and electrical, electronic and control engineering
- Communication
- Health and safety, passenger rights and environmental protection
Intellectual Output

Development of 14 course manuals to implement competence based education & training (delivery due: June ‘21)
Development of an auditsystem (delivery due: October ‘21)

Note: all education material will be ‘open source’
“education is one of the most powerful and proven vehicles for sustainable development”
### LESSON MATERIAL (1)

<table>
<thead>
<tr>
<th>No.</th>
<th>Working group</th>
<th>Learning modules</th>
<th>No. of course manuals</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>STC, MAH, SBKR, UoZ, KTA</td>
<td>NAVIGATION (OL and ML)</td>
<td>2</td>
</tr>
<tr>
<td>2.</td>
<td>CER, MAH, UoR, KTA</td>
<td>OPERATION OF THE CRAFT (OL and ML)</td>
<td>2</td>
</tr>
<tr>
<td>3.</td>
<td>STC, CER, UoR</td>
<td>CARGO HANDLING, STOWAGE AND PASSENGER TRANSPORT (OL and ML)</td>
<td>2</td>
</tr>
<tr>
<td>4.</td>
<td>IMST, UoZ, AGCNAM, CtD</td>
<td>MARINE ENGINEERING AND ELECTRICAL, ELECTRONIC AND CONTROL ENGINEERING (OL and ML)</td>
<td>2</td>
</tr>
<tr>
<td>5.</td>
<td>IMST, UoZ, AGCNAM, CtD</td>
<td>MAINTENANCE AND REPAIR (OL and ML)</td>
<td>2</td>
</tr>
<tr>
<td>6.</td>
<td>STC, CER, UoR</td>
<td>COMMUNICATION (OL and ML)</td>
<td>2</td>
</tr>
<tr>
<td>7.</td>
<td>CER, UoZ, MAH</td>
<td>HEALTH AND SAFETY AND ENVIRONMENTAL PROTECTION (OL and ML)</td>
<td>2</td>
</tr>
</tbody>
</table>
MAH
Small working group 1
1. Navigation

KTA
Small working group 2. Operation of the craft

STC
Small working group 3. Cargo handling, stowage and passenger transport

IMST

CER
Small working group 6. Communication & 7. Health and safety and environmental protection

FHOO
E-learning team (MAH, FHOO & STC)
WP 3 > development of material

Delivered
- Report on blended learning
- Draft course manual navigation
- Structure lesson material/repository
- Draft European training record book

To do
- Working groups collecting material
- Course manuals & lesson material to be developed
- Blended learning material
- Train-the-trainer Course Manuals
WP 4 > QA & QC

Delivered

- Draft audit lists OL/ML
- Draft model exams

To do

- Adjustments depending on feedback from CESNI QP/QM Manual
STATE OF PLAY (3)

WP 5 > dissemination

Delivered
- Social media posts
- 3rd newsletter (multiple languages)
- Publications
- Factsheet (multiple languages)
- Representation (Kalkar Messe)

To do
- Newsletter #4 (Oct)
- Who is who
- (Online) events, for instance Riverdating (FR)
level playing field by means of harmonised lessons material for IWT students.

increased labour mobility in the inland shipping sector.

improved safety on rivers through better understanding

all education material will be ‘open source’: available through EDINNA, enabling a pan-European spread and beyond!
THANK YOU FOR YOUR ATTENTION