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Advanced Ship Design for Pollution Prevention (ASDEPP)

Report of the First Coordination Meeting

Held in Rijeka, on 16 July 2007

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<th>Name</th>
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<td>1 Prof. Carlos Guedes Soares</td>
<td>IST</td>
<td>Grant holder</td>
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<td>2 Prof. Šime Malenica</td>
<td>BV</td>
<td>Partner from EU</td>
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<td>3 Mr. Alan Klanac</td>
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<td>4 Prof. Joško Parunov</td>
<td>FAMENA</td>
<td>Project coordinator</td>
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<td>6 Prof. Jasna Prpić-Oršić</td>
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<td>7 Prof. Kalman Žiha</td>
<td>FAMENA</td>
<td>C2 associated professor</td>
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<td>8 Prof. Albert Zamarin</td>
<td>FE</td>
<td>Deputy of Head of DENA&amp;OE</td>
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*FAMENA  Faculty of Mechanical Engineering and Naval Architecture, Zagreb
*FE  Faculty of Engineering, Rijeka
*FESB  Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, Split
*IST  Instituto Superior Tecnico, Lisbon
*HUT  Helsinki University of Technology
*BV  Bureau Veritas
*DENA&OE  Department of Naval Architecture & Ocean Engineering
*NA  Naval Architecture
The meeting started on March, 05. at 9:00 o’clock by reception by Prof. G. Cukor, Vice dean for academic affairs of FE, at his office. Prof. Cukor supported ASDEPP project and expressed welcome wishes to the participants.

The meeting continued in the council chamber of FE. After welcome words of Prof. Guedes Soares, ASDEPP Grantholder, DENA&OE of the FE and Bologna Process at FE was presented by Prof. A. Zamarin, Head deputy of Department.

ASDEPP Tempus Project Progress and ASDEPP activities done at FAMENA were presented by Prof. J. Parunov, ASDEPP coordinator. He pointed out which activities were done according to workplan. Activities done so far are: dissemination activities (creation of project web site http://www.mar.ist.utl.pt/asdepp/, presentation of project on meeting of ship designers at Trogir and in Journal “Shipbuilding”), Croatian staff training (at IST: Prof. Pripić-Oršić and Prof. Žiha and at HUT: Prof. Zamarin, Ph.D Rudan), project management (writing of First JEP Report, Course approval by Faculty Council at FAMENA and FE). Relating to equipment upgrade Prof. J. Parunov pointed out late purchase of equipment and books at FAMENA because of connection with other big investments on Faculty while at FE bigger part of equipment is purchased. He also mentioned signed Agreement on PhD cooperation between IST and University of Zagreb.

Prof. J. Pripić-Oršić, from FE in Rijeka, presented ASDEPP activities done at FE. She briefly reported experiences of FE staff during visit at IST (Prof. Pripić-Oršić) and HUT (Prof. Zamarin). Both visits were appreciated as very successful and useful. Regarding equipment purchase Prof. J. Pripić-Oršić pointed out that computer equipment is purchased, books are partly purchased, journals are selected and purchase is planned for October. The outline of the Course 1 Modelling of environment and environmental loads is defined and the course is introduced on naval architecture study on FE. She asked for at least three trainings per year instead of two foreseen by application. The next training is planned for September (visit of Assist. A. Turk from FE to IST) in order to agree about exercises for Course 1.

Prof. C. Guedes Soares, from IST in Lisabon, presented ASDEPP activities done at IST which were related to training of Croatian staff, preparation of teaching material and creation of web pages.

Mr. A. Klanac, from HUT in Helsinki, presented ASDEPP activities done at HUT which were related to training of Croatian staff and preparation of teaching material.

Prof. J. Parunov presented Proposal for standard of performance of ASDEPP courses. As courses are planned for three groups of attendees (MNA students, PhD students, Engineers from industry) he asked main lecturers to take this into account and make lectures as simple as possible. Associated lecturer need to consider different levels of students for exercises, examinations and seminar works. Because of possibility of dislocated students Prof. Parunov pointed out the need of distance learning method and he proposed WEB CT E-learning tool (http://webct.carnet.hr/wct/index.html). He suggested that associated lecturers should master the method following Web CT Internet course and Create course on WebCT while principal lecturers should prepare 10-15 lectures in “pdf” format 2-4 pages in length before starting lectures. Related to dissemination, Prof. Parunov showed the web page created at IST and pointed out that Invitation letter in Croatian and English language are prepared and will be sent to industry. Flyers with exact information and timing should be finished as soon as possible, put on web pages and sent only to interested people.
Regarding ECTS credits he pointed out that students attending courses should receive (if they need) ECTS credits. For that reason, heads of studies (or other authorized persons) should be consulted and contacts between them should be established.

The meeting participants agree that very important issue related to Course 1 and Course 2, which are planned to be held during winter semester, is agreement about dates of course holding. After some discussion and phone calls, the following was agreed:

For Course 1 **Modelling of environment and environmental loads:**

1. **1st week**
   - 15. October (Lecturers Prof. Guedes Soares and Prof. Prpić-Oršić)
   - 16. October (Lecturer Prof. Guedes Soares)
   - 17., 18. October (Lecturer Prof. Fonseca)

2. **2nd week**
   - 3., 4. December (Lecturer Prof. Kujalla)
   - 5., 6. December (Lecturer Prof. Malenica)

For Course 2 **Ship Structural Reliability with Respect to Ultimate Strength:**

1. **1st week**
5., 6., 7. & 8. October (Lecturer Prof. Guedes Soares)
2nd week
10., 11., 12. & 13. December (Lecturer Prof. Guedes Soares)

In the near future, following activities are proposed by Prof. J. Parunov:

- Teaching material, prepared by principal lecturers, should be delivered to associated lecturers by 15th of September (preferable 1st of September).
- The associated lecturers of C1 and C2 (Prof. Prpić-Oršić and Prof. Žiha) should fill the flayers with appropriate dates and topics and create a course on WebCT.
- C1 and C2 should be implemented at FE and FAMENA (Deadline 1st of February).
- One week training of Croatian staff at IST (2 associated lecturers (Prof. Parunov and Prof. Slapničar) from FAMENA – courses C3 & C5 and 1 assistant (Assist. Turk) from FE should be performed) (Deadline 1st of February).
- IST & FAMENA should further create and maintain dedicated web page.
- The project results should be published in journal “Shipbuilding” (Presentation of the project - FAMENA).
- The next coordination meeting is planed for 10th December 2007 in Zagreb.

The participants of the meeting visited ASDEPP classroom at FE equipped with new computers and projector.
Summary of agreements and conclusions achieved during 1st coordination meeting

1. Agreement on dates
   The following schedule of courses C1 and C2 was agreed (details are listed above):
   
   For Course 1:
   1st week: 15. - 18. October
   2nd week: 3. - 6. December

   For Course 2:
   1st week: 5. - 8. October
   2nd week: 10. - 13. December

2. Agreement on distance learning methods
   The WEB CT learning method is accepted as distance learning method which will be used during course implementation. In order to use it the associated lecturers should master the method following Web CT Internet course and Create course on WebCT.

3. Agreement on Teaching Material
   For C1 and C2 principal teaching materials should be prepared by principal lecturers by 15th of September (preferable 1st of September) and delivered to associated professors. The teaching material should be prepared as 10-15 lectures in “pdf” format 2-4 pages in length.

4. Agreement on next meeting
   The next meeting is preliminary planed for 10th December 2007 at Zagreb.