 **CHERNE 2016-17** 

**Project Plan for CHERNE activities and other actions proposed to the network**

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| Management of radioactive Waste (MaraWas) |

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| **Time schedule for the proposal of educational activities for students (proposals not addressed to students may be introduced at any time)** | before September 15: the organiser fills the present form and sends it to the CHERNE secretary Isabelle Gerardy ([gerardy@isib.be](mailto:gerardy@isib.be)) and to the Bulletin coordinator Agnes Peeters ([peeters@isib.be](mailto:peeters@isib.be))  before September 30: received proposals are sent by means of the CHERNE Bulletin to all CHERNE partners by the CHERNE secretary and made available on the CHERNE platform ([www.cherne.ntua.gr](http://www.cherne.ntua.gr)) |
| **Context** | This project plan is meant to inform CHERNE partners and their students about an activity organised in the framework of the CHERNE network, taking into account the objectives of CHERNE as described in the CHERNE declaration ([www.cherne.ntua.gr](http://www.cherne.ntua.gr)) |
| **Definitions** | IC: Intensive course, at least 1 week/2 ECTS  SP: strategic partnership (may include intensive programmes and other actions)  IP: intensive programme, part of the actions of a SP |

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| **Title of the project and acronym (if applicable)** | Management of radioactive Waste |
| **Type of the project** | IC |
| **Main objective of the**  **project** | Familiarize students with many aspects of radioactive waste management in different contexts (laboratory, reuse, decontamination, transport, treatment and short and long term management, non nuclear waste monitoring, critical reflections …) |
| **Short description of the project** | Laboratory work, demonstrations, site and facility visits, introduction lectures, round table |
| **Expected learning**  **outcomes (if applicable)** | Students can perform practical exercises on portal monitoring of waste, reuse of waste and decontamination and radiological monitoring in a nuclear lab experiment. After the demos, facility visits and introduction lectures and exercises, they are able to propose a procedure for a valorisation or treatment for a specific radioactive waste (NORM, medical, industrial,…), a specific nuclear experiment, a nuclear laboratory or a nuclear transport.  Students can make a critical reflection on the differences in waste managements in a predefined situation. |
| **Date of the project** | Nov 21-25, 2016 |
| **Place(s) of the project** | UHasselt Diepenbeek |
| **Coordinator(s)** | UHasselt : Sonja Schreurs, sonja.schreurs@uhasselt.be |
| **Contact person**  **(if different)** | dto. |
| **Other partners** | C. Licour, ISIB Henry-Spaak;  F. Hoyler, FH Aachen Campus Jülich  All partners of the strategic partnership are invited to participate in the round table exercise. |
| **Is the partnership still open to more partners?** | Open!! |
| **Intended participants**  **Expected present studying level of participants and their specialisation**  **(if relevant)** | Students at 3th bachelor or Master level  The activity is organised for students of all CHERNE partners |
| **Prerequisites**  **Expected initial knowledge** | Thorough knowledge radiation detection and measurement. Basic knowledge of Chemistry.  Basic knowledge of EXCEL. |
| **Intended or maximal number of participants** | Max. 20 |
| **Task force (if applicable)** |  |
| **Working method, time schedule and deadlines for the organisation and for the task force** | The IC is mainly focused on experimental activities, demonstrations, site and facility visits, introduction lectures, round table.  **In order to facilitate the entry of waste management facilities (3months in advance) students should express their interest by the 15th August 2016 and register not later than 1st September 2016 with full ID.**  Registered students will obtain hand-outs of the intended experiments and a task for the round table critical reflection on the differences in waste managements in a predefined situation |
| **Evaluation (of participants, by participants,**  **by organisers, …)** | Evaluation of participants by organizer and other invited experts of the Erasmus + strategic partnership  Evaluation of course by participants |
| **Reporting and**  **dissemination**  **(if applicable)** | Round table task per group has to be reported by the 1st of November |
| **Is the project part of an Erasmus program?** | Training module of the Erasmus + Strategic Partnership “Blended Learning in RP and radioecology” |
| **ECTS or ECVET credits**  **applicable? How many?** | 2 ECTS |
| **Are any other industrial or research non CHERNE partners involved?** | Yes, SCK, IRMM, Tecnubel, Belgoprocess |
| **Terminology** | CHERNE: Cooperation for Higher Education on Radiological and Nuclear Engineering  other: …/… |
| **Practical organisation** | Accommodation : can be organised |
| **Costs for the students**  **(if applicable)** | Travel expenses and accommodation cost are covered by rules of Erasmus + project : Strategic partnership for students of the members  Accommodation youth hostel Hasselt (20€/night)  One social event sponsored  All visits and experimental costs are covered |
| **Extra information or**  **conditions** | **In order to facilitate the entry of waste management facilities (3months in advance) students should express their interest by the 15th August 2016 and register not later than 1st September 2016 with full ID** |
| **Anything else** |  |

**Annex 1 tentative program (can be still be adapted)**