

# Blended mobility no. I (CI)

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**Munkebo, Denmark 7-11 March 2016**

**NZEB for Enhancing STEM skills and motivating Students**

**2015-1-IT02-KA219-015139\_1**

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*Detailed programme of the activities*

**Monday 7<sup>th</sup> March**

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Place: Kerteminde 10 Klassecenter premises

**11.00-13.00** Team building activities

*13.00-14.30 Lunch Break*

**14.30-16.30** Analyse and reflection on virtual mobility results. Students will be divided in international groups (see *annex I to the programme*). Each group will read, discuss and analyse one topic, share opinions and make a diagram. Finally students will draw a conclusion and present it to the other group. Diagrams will be used as a results of virtual part of blended mobility.

*Note: Bulgarian team will be responsible for preparing the diagram/excel file template*

**16.30-19.00** Team building activities

**20.00** Dinner free

**Tuesday 8<sup>th</sup> March**

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Place: Kerteminde 10 Klassecenter premises

**9.00-11.30 SCIENCE LAB** - We will divide the 1st module in 10 topics. Each international group (see *annex I to the programme*) will make a research and will have to prepare a presentation (ppt, prezi, Glogster or whatever programme they prefer to use).

*Note: Italian team will propose 5 topics- see Annex II to the programme. Other 5 topics from the partner countries will be welcome*

*11.30-11.45 Break*

**11.45-13.00 SCIENCE LAB** - continuing

*13.00-14.30 Lunch break*

**14.30-16.30** Presentation of the research products made by the students

**After 16.30** Free time and cultural exchange



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## Wednesday 9<sup>th</sup> March

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Place: Kerteminde 10 Klassecenter premises

**9.00-11.30** Presentations made by national delegations about NZEB legislation in their country and NZEB examples.

*Note: This task have to be prepared at home before the mobility takes place.*

11.30-11.45 Break

**11.45-13.00** Presentations - continuing

13.00-14.30 Lunch break

**14.30-16.30** Divided in international groups (see annex I), students will compare the different status quo in partner countries.

*Note: to help students, Italy will prepare a table students will have to fill and reflect on.*

**After 16.30** Free time and cultural exchange

## Thursday 10<sup>th</sup> March

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Place: Kerteminde 10 Klassecenter premises

**9.00-11.30** PROTOCOLS LAB: Students divided in international groups (see annex I) will be assigned a protocol (8) to research about on the net; one group will analyse the European legislation on NZEB; one group will analyse and compare the different electricity bills. Topics will be assigned by lot.

Protocols to be analysed are:

1. Breeam (UK-1990),
2. HQE (France-2004),
3. DGNB (Germany, 2009),
4. Green Star (Australia, 2003),
5. CASBEE (Japan, 2001),
6. LEED (US-1993),
7. KlimaHouse (Italy-2002)
8. ITHACA (Italy-1996) Analysis of the International Conventions on Energy

EU legislation to be analysed is:

1. EU Directive 2010/3/EU - "EPBD"
2. EU Directive 2012/27/EU - "DEE"
3. International conventions on Energy

Groups will have to create a presentation (ppt, prezi, Glogster or whatever programme they prefer to use) about their research.

11.30-11.45 Break

11.45-13.00 – PROTOCOLS LAB: continuing



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13.00-14.30 Lunch break

14.30-end Outdoor activity: good practice example of NZEB buildings/recycling waste/environment protection. Tour in Odense

*Friday 11<sup>th</sup> March*

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Place: Kerteminde 10 Klassecenter premises

9.00-11.30 Presentations of the research done on protocols, EU legislation and electricity bills

11.30-11.45 Break

11.45-13.00 Final evaluation session: students and teachers will fill a questionnaire aimed at evaluating competences acquired and satisfaction degree.

*Note: students answers will heal each country to fill the Europass mobility document. Italy will prepare the questionnaire on Google form.*

Final ceremony and certificate of attendance

Afternoon free

### **Contacts of the Danish host:**

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