

The program of the management and training meetings
Active GRAPhene based FOOD packaging systems for a modern society
(GRAFOOD) M-ERA.NET Call 2016

23 -26 October 2017

Organized by
Technical University of Cluj Napoca, Romania,
North University Center of Baia Mare, Department of Chemistry and Biology

23.10.2017 - Arrival of the participants

24.10.2017 - Management meeting GRAFOOD

10.00-10.10 – Opening of the management meeting GRAFOOD 2017-*Anca Peter*–consortium coordinator

10.10 - 10.30 - Brief presentation of Ceprohart Braila partner - *Catalina Talasman*

10.30-10.50-Brief presentation of National Institute of Chemistry Ljubljana Slovenia partner-*Goran Drazic*

10.50 - 11.10 - Brief presentation of University of Camerino Italy partner - *Stefania Silvi*

11.10 - 11.30 - Brief presentation of Synbiotec Italy partner - *Stefania Silvi*

11.30 - 11.50 - Brief presentation of Andaltec Spain partner - *Antonio Penas*

11.50 - 12.30 - Oral presentation *Theme: GRAFOOD*: objectives, workplan and timetable of the workpackages and of the activities, correlation of the activities performed by the Romanian, Slovenian, Italian and Spanish partners to fulfill the objectives of each workpackage and subsequently of each activity, dissemination of the results - *Anca Peter*

Training meeting GRAFOOD - first part

- will consists in presentation of experimental, methods and partially results obtained for the characterization of currently used food packages for meat and cheese.

12.30 - 13.15 - UTCN partner - Chemical analyses, Water transmission rate, Package permeability to grease, Barrier properties against UV/VIS light, Potential antimicrobial properties, Antioxidant activity, Wettability properties, Overall migration in food simulants, FTIR spectroscopy - *Anca Mihaly Cozmuta*

13.30 - 15.00 - Lunch

15.00 - 16.00 - CEPRO partner - Structural and dimensional properties of the packages, Mechanical resistance and deformations properties of the packages, Optical properties, Capillary - hygroscopic properties, COD (chemical oxygen demand), TDS (total dissolved solids) - *Catalina Talasman*

16.00 - 17.00 - NIC partner - Morphology, structure of the packages (SEM, TEM, HRSTEM STEM-EDXS, STEM-EELS) - *Goran Drazic*

16.15 - 17.00 - ANDA partner - Barrier properties against fluids (Gas transmission rate (oxygen and other gases)), Biodegradability and LCA-LCC analysis - *Antonio Penas*

18.00 - Dinner in the old city of Baia Mare

25.10.2017

Training meeting GRAFOOD - second part

9.00 - 9.45 - UNICAM partner - Investigation of the organoleptical, microbiological, physical- chemical changes of cheese and meat deposited - *Stefania Silvi*

9.45 - 10.30 - Discussion focused on targeting the characteristics of the new concept of GRAFOOD. Planning the next management and training meetings - conducted by *Anca Peter*

10.30 - evening - Excursion in the Old Maramures County

Route: Merry Cemetery Sapanta, The Memorial of the Victims of Communism and of the Resistance - Sighetu Marmatiei, Barsana monastery

Dinner at Hanul Teilor Restaurant, Danesti, Maramures

26.10.2017 - departure