



**AGENDA OF GREENERING (COST 18224) BUBBLE:**

**The possibility of plant extracts preparation by applying the green extraction solvents and technologies with the hands-on**

**Location of bubble:** *University of Novi Sad, Rectorate, dr Zorana Đinđića 1, Novi Sad*

*Faculty of Technology Novi Sad, University of Novi Sad, Bulevar cara Lazara 1, Novi Sad*

**Time:** *13<sup>nd</sup> to 15<sup>nd</sup> September 2021, from 9.00 am to 4.15 pm*

**13<sup>th</sup> September**

*Location: Rectorate*

9.00-9.10 Welcome to the participants GREENERING bubble

9.10-9.30 Participants introduction

9.30-9.40 Presentation of the COST Action GREENERING

9.40-10.00 Lecture on: The green chemistry and technologies

10.00-10.30 Lecture on: The basics of high pressure extraction by carbon dioxide

10.30-11.00. Lecture on: The basics of deep eutectic solvents

*Location: Faculty of Technology Novi Sad*

11.00-11.30 Coffee break

11.30-1.30 Hands on: Introduction to the equipment and process of high pressure extraction by carbon dioxide

1.30-2.30 Lunch break

2.30-4.00 Hands on: High pressure extraction by carbon dioxide of selected herbal material, Part I

4.00-4.15 Summarizing and ending of the first bubble day

## **14<sup>th</sup> September**

*Location: Rectorate*

9.00. Reminder on what we have done in the first day

9.15-9.45 Lecture on: The basics of the ultrasound-assisted extraction

9.45-10.15 Lecture on: Designing of a process involving deep eutectic solvents

*Location: Faculty of Technology Novi Sad*

10.15-10.45 Coffee break

10.45.-12.00 Hands on: Continuing the high pressure extraction of selected material by carbon dioxide, Part II

12.00-1.00 Hands on: Introduction to the equipment and process of ultrasound assisted extraction

1.00-2.00 Lunch break

2.00-4.00 Hands on: Ultrasound assisted extraction of selected herbal material

4.00-4.15 Summarizing and ending of the second bubble day

## **15<sup>th</sup> September**

*Location: Rectorate*

9.00-9.15 Reminder on what we have done in the second day

9.15-9.45 Lecture on: The basics of subcritical water extraction

9.45-10.15 Lecture: Environmental and economic sustainability of processes involving deep eutectic solvents

*Location: Faculty of Technology Novi Sad*

10.15-10.45 Coffee break

10.45-12.00 Hands on: Introduction to the equipment and process for subcritical water extraction

12.00-1.00. Hands on: Subcritical water extraction of selected herbal material

1.00-2.00 Lunch break

*Location: Rectorate*

2.00-2.45 Summarizing the experience and novel knowledge

2.45-3.00 Evaluation of the bubble

3.00-3.45 Interviews of participants

3.45-4.00 Closing of GREENERING bubble