



NUTRI2CYCLE SUMMER SCHOOL (3rd edition)

Transition towards a more carbon, nitrogen, and phosphorus efficient agriculture in Europe

**7-8-9 JUNE 2023,
BARCELONA, SPAIN**

Preliminary Programme

IRTA Torre Marimón, Caldes de Montbui

Wednesday 07/06/2023

09.00-10.00 Registration and reception

10.00-10.30 Welcome

10.30-11.00 Introduction to the Nutri2Cycle project, *Çağrı Akyol, UGent*

11.00-11.30 Coffee break

11.30-13.00 ***Session 1. Nutrient and GHG management in animal husbandry***

Keynote: *Sander Vandendriessche, Inagro*

PhD's: *Lluís Morey Gual, IRTA/UGent* and *Anna Jasinska, PCz/UGent*

Selected PhD pitch (tbd)

13.00-14.00 Lunch break

14.00-15.30 ***Session 2. Innovative soil, fertilization, and crop management practices***

Keynote: *Ana Robles Aguilar, BETA*

PhD's: *Gonçalo Nascimento, IRTA* and *Catarina Esteves, ISA/UGent*

Selected PhD pitch (tbd)

15.30-17.30 Poster presentation and networking



Thursday 08/06/2023
(IRTA, Torre Marimon)

09.30-11.00 **Session 3. Higher precision fertilization techniques and systems**

Keynote: *Francesc Domingo and Adrian Gracia-Romero, IRTA*

PhD's: *Karen Martí, IRTA and Vaibhav Shrivastava, UGent/BETA*

Selected PhD pitch (tbd)

11.00-11.15 Coffee break

11.15-12.45 **Session 4. Bio-based fertilizers from agro-residues**

Keynote: *Elizabeth O'Carroll, Teagasc*

PhD's: *Hongzhen Luo, UGent and Berta Singla Just, BETA/UGent*

Selected PhD pitch (tbd)

12.45-13.30 Lunch break

13.30-15.00 **Session 5. Novel animal feeds from agro-residues**

Keynote: *Marcella de Souza Fernandes, UGent*

PhD's: *Sergio Martínez, UVIC and Merve Konucu, UGent*

Selected PhD pitch (tbd)

15.00-18.00 Pilot visit 'Ammonia recovery from raw pig slurry in a vacuum evaporation field plant' (by bus, coming back to Barcelona)



09.30-11.00 Breakout session for workshops

- **LCA on nutrient recovery and recycling**, *Sander Bruun, UCPH*
- **Emission monitoring and abatement in manure processing**, *August Bonmati, IRTA*

11:00-11:30 Coffee break

11.30-12.30 Breakout session for workshops

- **Science communication**, *Evi Michels, UGent and Marcella Fernandes de Souza, UGent*
- **Policy briefing**, *Erik Meers, UGent*

12.30-13.00 Closure

13.00-14.00 Lunch break

14.00-18.00 City tour (optional)




How to reach Caldes from Barcelona

To reach Caldes from Barcelona, you can take the bus. The time table from Barcelona to Caldes is displayed below.

There are three stops in Barcelona (Plaça Tetuan, Sagrera, i Fabra i Puig).The best option is to take the direct Bus arriving to Torre Marimón at 9:15. There are more options to go back to BCN.

IRTA		Horaris IRTA Torre Marimon				Sagalés	
DE DILLUNS A DIVENDRES FEINERS (Excepte Agost)							
MATÍ (DE DILLUNS A DIVENDRES)							
LÍNIA	Sortida BCN-Pl.Tetuan	Sortida BCN-Sagrera	Sortida BCN-Fabra i Puig	Arribada Estació Caldes de Montbui	Arribada IRTA TM		
e9 (per autopista)	7:15	7:25	7:30	8:00	8:10		
e9 (per autopista)	7:45	7:55	8:00	8:35	8:45		
e9 (per autopista només treballadors IRTA)	8:35	8:45	8:50	Directe	9:15		
TARDA (DE DILLUNS A DIJOUS)							
LÍNIA	Sortida IRTA TM	Sortida Estació Caldes de Montbui	Arribada BCN-Fabra i Puig	Arribada BCN-Sagrera	Arribada BCN-Pl. Tetuan		
e9 (per autopista)	13:40	13:45	14:20	14:25	14:35		
e9 (per autopista)	14:10	14:15	14:50	14:55	15:05		
e9 (per autopista)	15:10	15:15	15:50	15:55	16:05		
e9 (per autopista)	16:50	16:55	17:30	17:35	17:45		
201 (per carretera)	17:20	Quan arribi a l'estació de Caldes de Montbui, agafar el e9 per autopista					
e9 (per autopista)	-	17:30	18:05	18:10	18:20		
e9 (per autopista)	18:10	18:15	18:50	18:55	19:05		
TARDA (DIVENDRES)							
LÍNIA	Sortida IRTA TM	Sortida Estació Caldes de Montbui	Arribada BCN-Fabra i Puig	Arribada BCN-Sagrera	Arribada BCN-Pl. Tetuan		
e9 (per autopista)	13:40	13:45	14:20	14:25	14:35		
e9 (per autopista)	14:10	14:15	14:50	14:55	15:05		
e9 (per autopista)	15:10	15:15	15:50	15:55	16:05		

 Informació / Incidències de Sagalés de Caldes de Montbui
 93 865 04 00 / 93 865 04 04
 93 593 11 12

Where to sleep in Caldes de Montbui

Below you can find some suggestions for an accommodation in the city nearby Torre Marimon.

- Termes Victoria (<https://www.termesvictoria.com/es/hotel>)
- Hotel Broquetas (https://www.balnearibroquetas.com/?gclid=Cj0KCQjwu-KiBhCsARisAPztUF1SaN7O8Q8IPufQLarGZTapBTCpJleF64uh43an5MdfaZihkPc_0CUaAm53EALw_wcB)

