



Report from the CASEE president, Martin H. Gerzabek

ICA General Assembly 18.10.2017, Ghent



Report from the CASEE president

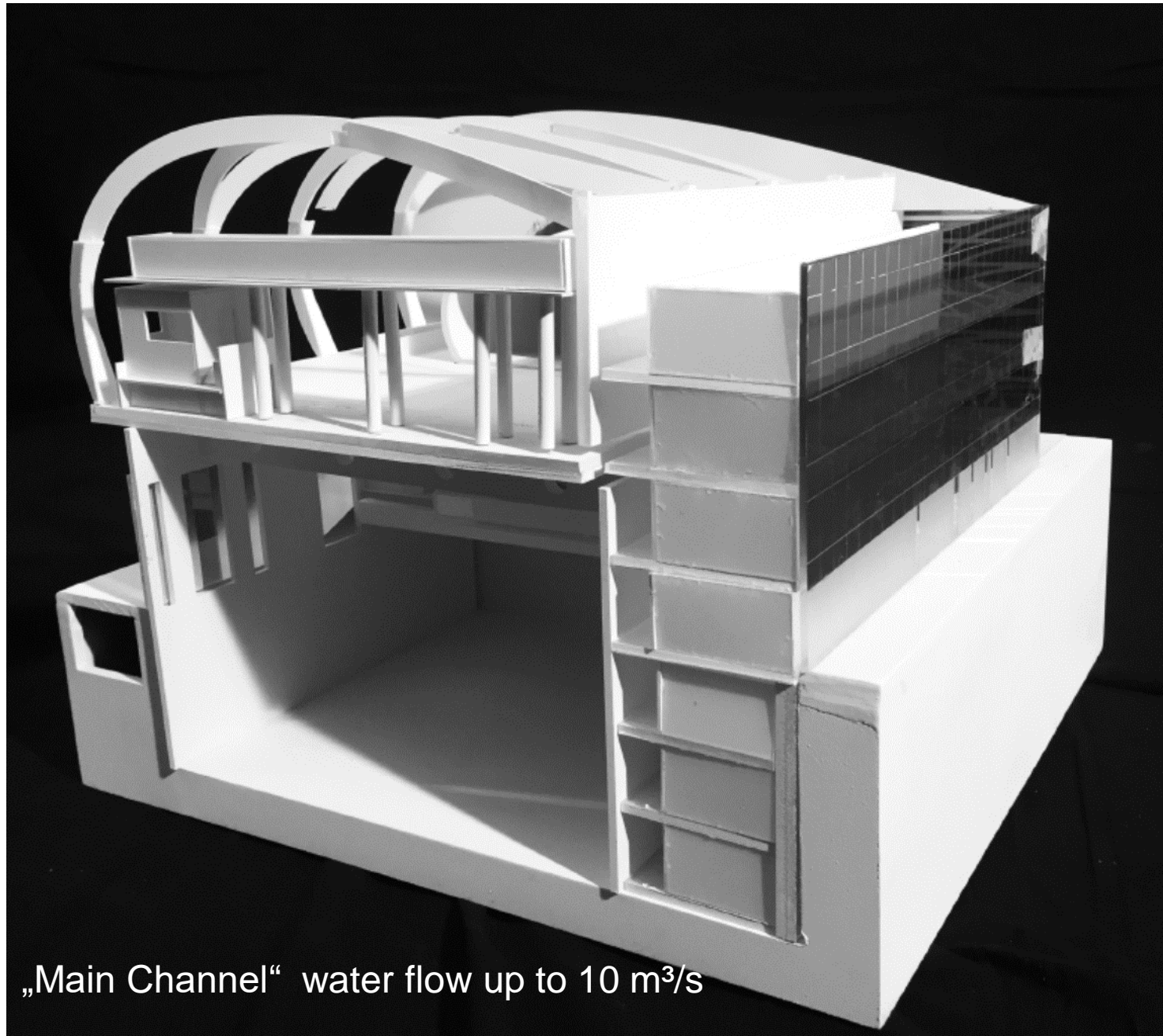
1. CASEE involvement in the EU Strategy for the Danube region
2. CASEE activities 2016/17
 - Co-operation with other networks (ICA, ATAE, **NEW: ACADEMIA DANUBIANA...**)
 - Board meetings
 - Promotion
 - CASEE projects
3. Fund for Incentives
4. Changes in the membership

1. CASEE involvement in the EUSDR

1. CASEE is one of the few academic networks mentioned in the EU Strategy for the Danube region (EUSDR)
2. BOKU / CASEE is actively involved in the Austrian working groups for the EUSDR (co-ordinated by the Federal Chancellery and the Federal Ministry of European and International Affairs)
3. PA 7 flagship project:
“**D**anube **R**iver **RE**search **A**nd **M**anagement – DREAM”
+ Subproject: SEDDON: Sediment Research and –management at the Danube River
4. Danube INCONet Project on a bioeconomy RTI strategy for the Danube Region – Position papers available at:
<https://danube-inco.net/object/document/18543>
5. 2nd Austrian EUSDR Dialogue Forum,
9.9.2016, at BOKU TULLN Campus

“Danube River REsearch And Management – DREAM”





„Main Channel“ water flow up to 10 m³/s

2. CASEE Activities 2016/17

Co-operation with other networks:

- **ICA:**
 - CASEE Board Member Marek Szyndel = ICA President
 - CASEE report at ICA GA at ICA Rectors' and Deans' Forum in Ghent in October 2016
- **ATAE :**
 - CASEE Treasurer Istvan Szabo attended ATAEE conference in Opatija, Croatia, in February 2017
 - MOU was signed during the CASEE GA 2017
- **ACADEMIA DANUBIANA:**
 - Co-ordinator: Prof. Gernot Stöglehner, BOKU
 - <http://academia-danubiana.net/>



2. CASEE Activities 2016/17

Promotion activities

- Updated Logo and Flyer; newsletters sent out to members



EE= “Patronage” of two conferences organised by CASEE over universities:

- 1st International **Congress of Danube Region Botanical Gardens – „Transdisciplinarity in Plant Science”**, at the Vasile Goldis University of Western Arad
September 7-9, 2017, in Arad and Macea, Romania
<http://ic-drbg.uvvg.ro/>
- 28th Int. Conference of Agriculture and Food Industry **“Transfer of Knowledge and Innovations in Agriculture of South-East Europe Countries”**

27th - 29th September 2017

Hotel Hills, Sarajevo, Bosnia and Herzegovina

<http://www.ppf.unsa.ba/clanak.php?ID=19#>



2. CASEE Activities 2016/17

Faculty of Agriculture and
Food Sciences University of
Sarajevo, Bosnia and
Herzegovina



and

Faculty of Agriculture
Ege University,
Republic of Turkey



In partnership with
The ICA Regional Network for Central and South Eastern Europe



organise

**28TH INTERNATIONAL
SCIENTIFIC-EXPERT CONFERENCE
OF AGRICULTURE AND FOOD INDUSTRY**

**Transfer of Knowledge and Innovations in Agriculture
of South-East Europe Countries**

27th - 29th September 2017

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**THE FIRST NOTICE AND CALL
for participation
and abstracts submission**

The poster features a map of the Danube region, a photograph of a historic building, and a list of topics. Logos for the University of Sarajevo, Ege University, and CASEE are at the top.

**FIRST INTERNATIONAL CONGRESS
OF DANUBE REGION BOTANICAL
GARDENS (IC -DRBG)
Transdisciplinarity in Plant Science**

**September 7-9, 2017
Arad - Macea, ROMANIA**

Organized by:
The "Vasile Goldiș" Western University of Arad
Under the aegis of:
CASEE - The ICA Regional Network for Central and South Eastern Europe
The Association of Botanical Gardens of Romania (ABGR)

Topics:

1. Biodiversity conservation: species and habitats
2. Structural and functional diversity of algae, fungi and plants
3. Plant tissue culture
4. Taxonomy and phytoecology
5. Phytochemistry and Phytomedicine
6. Hortisan laboratories: gardens and experimentation in early modern science

2. CASEE Activities 2016/17

Board Meetings

- Videoconferences in September, November and March
- 2016-05-22 in Timisoara and 2017-05-14 in Warsaw

Projects :

- ✓ **CASEE Master „Sustainability in Agriculture, Food Technology and Food Production in the Danube Region“,**
with 8 CASEE members
(E+ Joint Master Degree application submitted (again) 2017,
no success, Accreditation finished in Zagreb)
- ✓ CASEE = partner in the **FOODSTA E+ Knowledge Alliance Project** (European FooD-Studies and Training Alliance)
<https://www.food-sta.eu/>



2. CASEE Activities 2016/17

Projects :

- ✓ IMPULSE project: **Internationalizing CASEE network by introducing innovative mobility activities and defining quality criteria (CASEE-In)**
- ✓ **innovative student mobility** to increase employability :
e-learning course “Introduction to Scientific Communication” (overview of CASEE Network, present guidelines for scientific writing and presentation, and IT based communication techniques) + master students attending CASEE conference
create a set of **indicators for quality assurance in internationalisation** ▶ guidelines are finalised and will be presented in the project closing conference in Chisinau, Moldova, in October 2017



2. CASEE Activities 2016/17

The 7th International Conference CASEE
"The Role of Life Sciences in Europe's 2020 strategy"
was held at BUASVM - Banat's University of Agricultural Sciences and
Veterinary Medicine „King Michael I of Romania" from Timisoara
from May 22 to 24, 2016



2. CASEE Activities 2016/17

The 8th CASEE Conference "Sustainable development in Europe – cooperation between science and practice - What's the position of Central and South Eastern Europe?" was held at the Warsaw University of Life Sciences, Poland from 14-16 May 2017



3. CASEE Fund for Incentives (Ffi)

- For 2015 – Final reports of the following projects were received:
 - „**Biotechnology and Food Sciences (winter school)**“, SAU Nitra
 - „**Machinery induced compaction of agricultural soil and mitigation strategies in the Danube Regions**“, BOKU
- For 2016 – no applications were received
- In 2017 – the following two projects were funded:
 - **Summer School “Ethics, Quantity and Quality Assurance in Agriculture, Food Production and Food Technology”** in Novi Sad in July 2017 (project coordinator: Dragana Savic/**UNS**)
 - **Determining the influence of cover crops on soybean production and environmental life cycle assessment** (project coordinator: Pia Euteneuer/**BOKU**)

3. CASEE Fund for Incentives (Ffi)

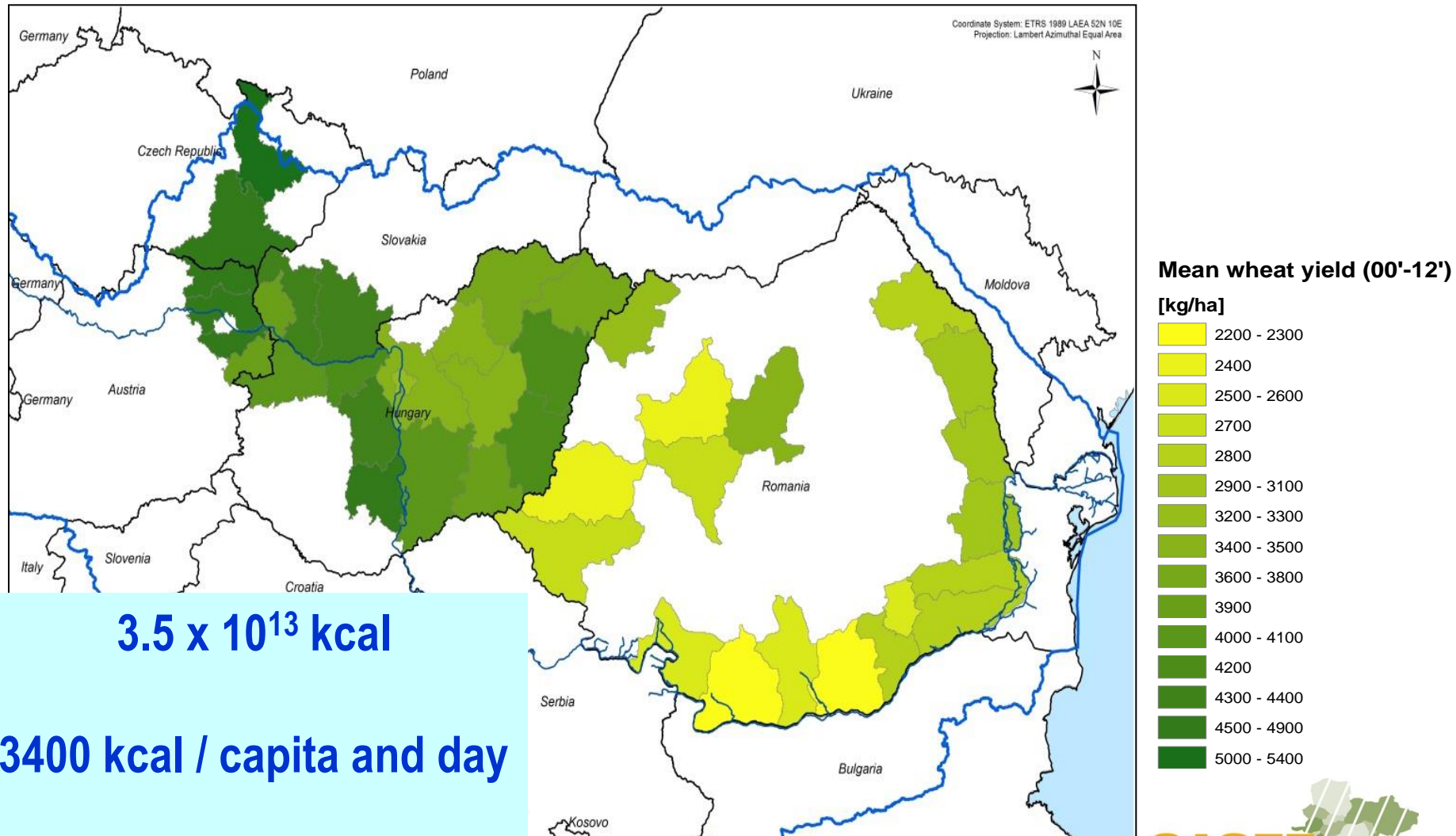
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In 2017, we also received the final report of the 2013 project „**The Soil Resources in the Danube Region: Threats and opportunities for sustainable soil use**“, which has been awarded an extension of the project duration by the CASEE GA 2014

The **aim of the project** was to collect relevant soils data regarding the status of soils in the Danube catchment and to write up a joint review type article for an appropriate SCI journal providing an overview on soil use, soil threats, the development of soil resources and proposed measures for the entire region.

Some results are presented in the following slides

Yield gap assessment in Danube region

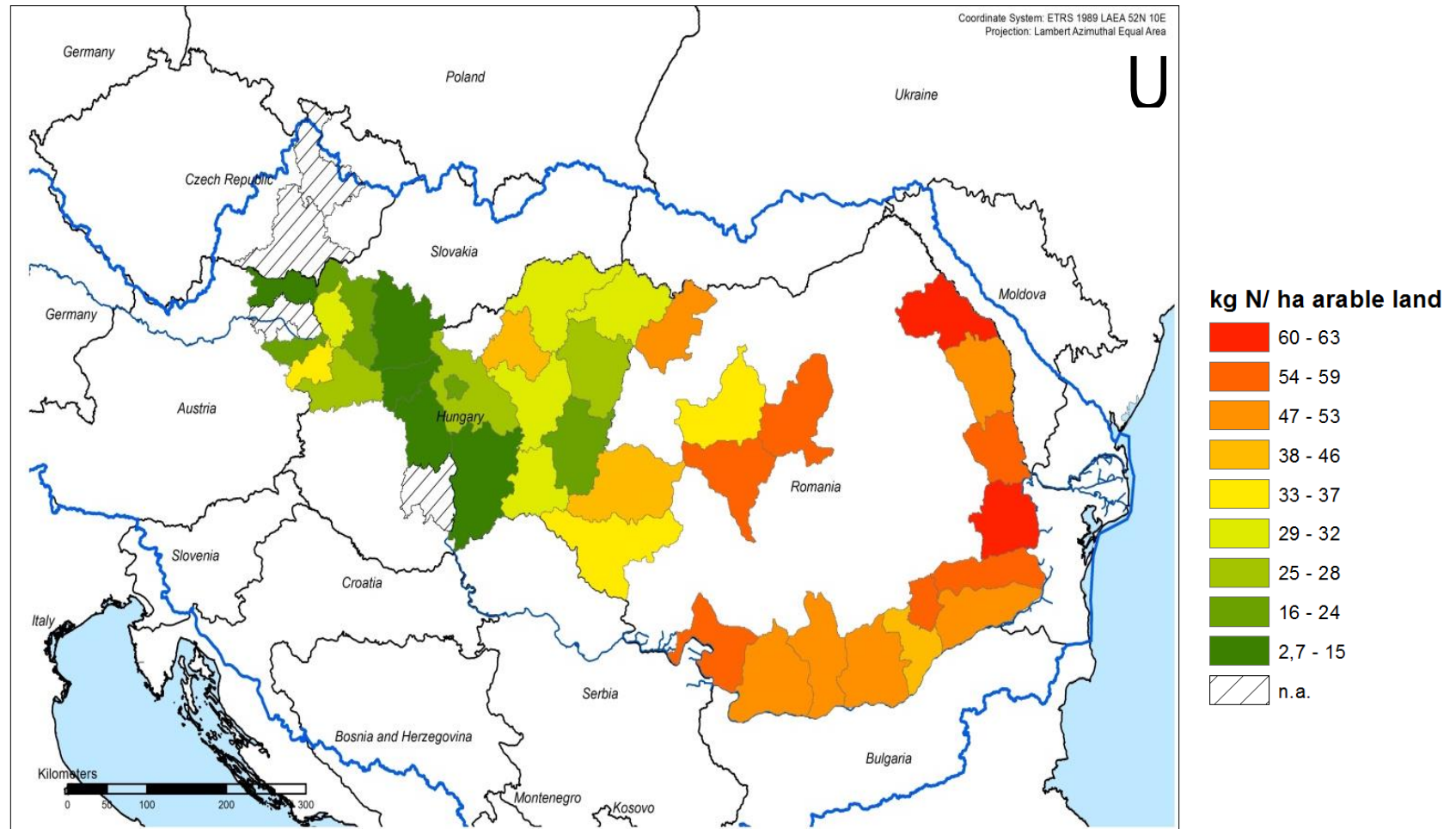


3.5×10^{13} kcal

3400 kcal / capita and day

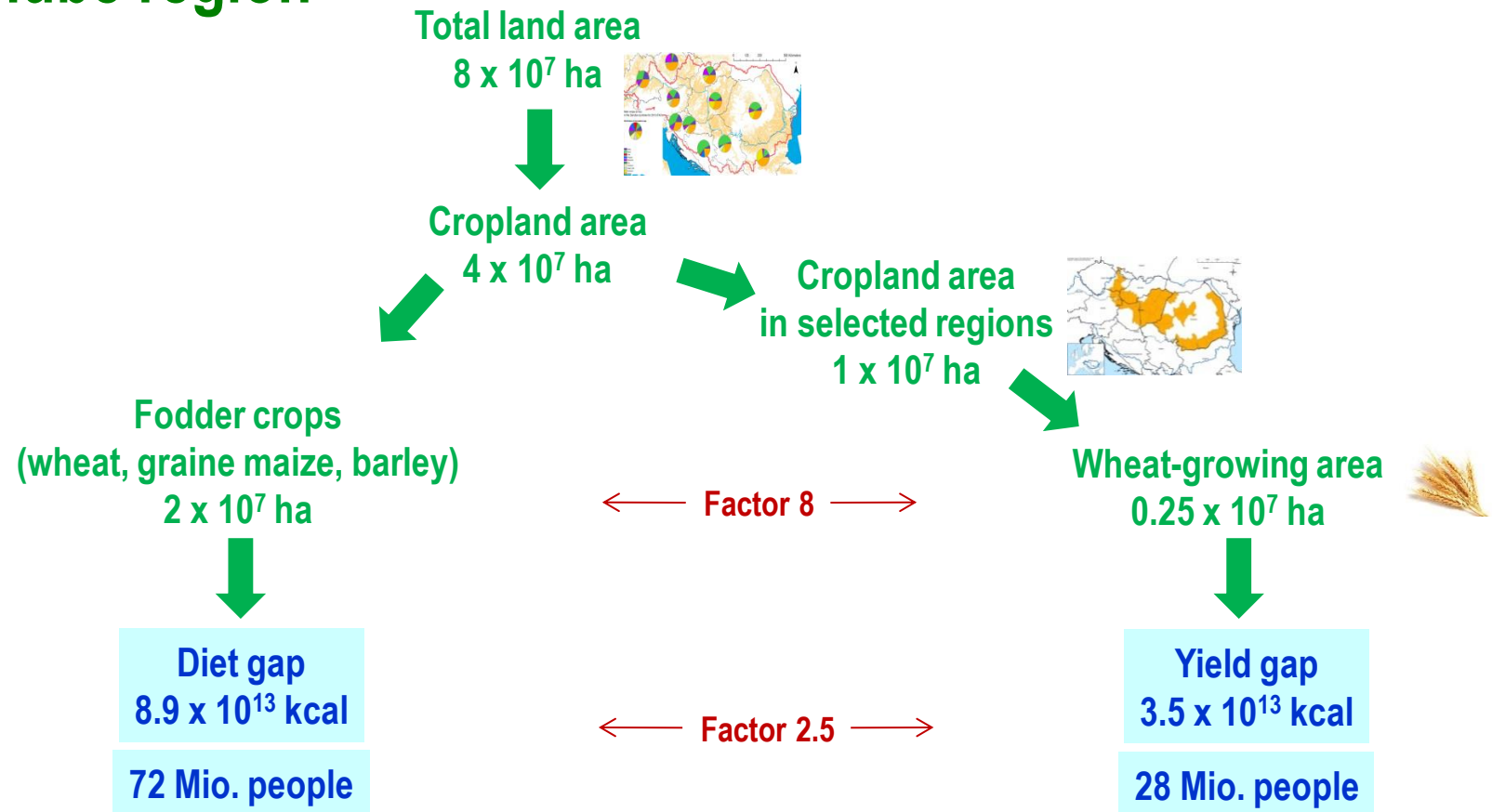
28 Mio. people

Yield gap assessment in Danube region



Map of **nitrogen gap** in the Danube basin. From the correlation between N-fertiliser input and wheat yield per [arable] hectare the difference from the mean fertilisation rate to the rate at the attainable yield was built.

Options for enhancing food supply in the Danube region



Limitation by protein / lysine content
Reduced meat rather than vegan diet
-50%

Environmental limitations
Technical obstacles
Socio-economic obstacles
-50%

4. Changes in the membership

1. Cancellation of membership:

* No cancellations received

2. No institutions are due to being suspended for non-payment of fees

3. Institutions who applied for membership:

* National University of Life and Environmental Sciences of Ukraine (NULES) - is interested but didn't submit an official written request in time

➤ OTHER INTERESTED CANDIDATES???



5. CASEE Conference 2018



9th CASEE Conference

**"Research based education at life science universities in
the Danube region towards a sustainable future"
at the University of Agronomic Sciences and Veterinary
Medicine in Bucharest, Romania
from 6-9 June 2018**

All staff members from CASEE universities and colleagues from other research institutions in CASEE countries are invited to submit an abstract by 11 December 2017!

Further information: www.casee2018.usamv.ro

Thank you for your attention!

