



MINUTES OF THE MEETING – 13.06.17 – NEUSIEDL AM SEE “PERMACULTURE DESIGN COURSE – THE CITY OF THE FUTURE”



INTRODUCTION

The Erasmus Intensiveprogram project “Permaculture Design Course” continues this year in Neusiedl am See with an additional topic "PDC-NEU-The city of the future". We will sustain the experiences of the former IP in Aspern Seestadt,¹ to follow best practices of permaculture design principles. <http://academia-danubiana.net/?p=410> In close cooperation with representatives from the City municipality of Neusiedl am See, local representatives and students from the Danube region we will work on new models for the city of the future.

Meanwhile we had several meetings. At the beginning in early springtime, I was providing overall information to the major of Neusiedl am See and vice-governor of the Burgenland, Mr. Kurt Lentsch. Furthermore I got in contact with city councillor DI Thomas Halbritter, discussing the topics with regard to the content. This week I met Mrs. DI Vera Rittsteuer, the head of the public construction authority in the municipal office of Neusiedl am See and gave sufficient notice about the project.²

CONTENT OF THE PROJECT

The IP-workshop 2013/2014 in Neusiedl am See has four topics: Ecology (Agriculture and forestry), Architecture&Spatial Planning, Solidarity Economy and Culture&Identity. In 2009 a group of scientists, led by the Stockholm Resilience Centre,³ took a shot at defining these boundaries. They established hard targets for three of the planetary systems: Stabilize the concentration of atmospheric CO₂ at 350 ppm, decrease ozone levels by 5% and stop the acidification of our oceans.⁴

We want to explain for the city of Neusiedl am See the kind of living, which means 2t–3t CO₂/per person/a by 2050 instead of 7-11 CO₂ t/per person/a at the moment within industrial countries. We have to achieve these standards within the next 20 years (max. time perspective) without losing a reduction of an appropriate life style. We want to show for Neusiedl am See, how the inhabitants can reach this limits with a sustainable life style and want also discuss these criteria with local stakeholders and politicians. Redesigning systems to create carbon-neutral, zero-waste and liveable communities will not even slash the ecological impacts of growth in those cities, but will also help build models for development that are cheaper and more replicable in other cities across the planet. In the city of the future, it will be a matter first and foremost, of satisfying the needs of people for a high quality of life with concurrent sustainable development.⁵ As knowledge base we are suggesting a document for carbon sequestration “Zero Carbon Britain 2030”.⁶

The municipality of Neusiedl am See is very much advanced by means of energetic issues. At the current energetic analysis the energy requirement of the sectors buildings and mobility and the theoretical available resources potentials, which are available through agricultural and forest areas were surveyed and calculated.⁷ By means of the statistical data and special developed calculation methods the energy requirement of buildings, the energy requirement in the area of mobility, resulting emissions and agricultural resources potentials were calculated. The present energetic analysis of the commune, which further will be completed with measurement suggestions and implementation plans, is the basis for the further development of the energetic situation and shall facilitate the position of points for decision makers.

¹ http://academia-danubiana.net/wp-content/uploads/2012/08/2012p44_P.K.-Zeitung-Aspern-Seestadt-8-9.pdf

² Stadtgemeinde Neusiedl am See; 7100 Neusiedl am See, Hauptplatz 1 Tel: +43 2167 2300-324 Fax: +43 2167 2300-322 v.rittsteuer@neusiedlamsee.at

³ Stockholm Resilience centre: <http://www.stockholmresilience.org/>

⁴ Alex Steffen shows examples about Carbon Zero news <http://www.alexsteffen.com/carbon-zero-2/>

⁵ STEFFEN, Alex; ed.(2011): WORLDCHANGING; Publ. by ABRAMS in N.Y. ISBN 978-0-8109-9746-2

⁶ Zero Carbon Britain 2030: <http://www.neweconomics.org/publications/entry/zero-carbon-britain-2030>

⁷ http://www.neusiedl-am-see.at/pdf/Neusiedl_See%20Energieanalyse%20Gemeinden%20min1_HS_neu.pdf

IMPORTANT DATES AND TIME LIMITS OF THE PROJECT

- July 6th **Kick off Meeting** in Neusiedl am See.
Venue: Rathausstüberl – Kirchengasse 2 - <http://rathausstueberl.blogspot.co.at/>
<http://neusiedl-am-see.stadtplanoesterreich.at/>
- August 19th **DEADLINE** for students: contributions of the case study (for a maximum of 2,000 words), must be forwarded by e-mail, August 19th to the professor of the institute.
- September 1st **Intensiveprogram** (IP): Arrival of the participants in Neusiedl
Accommodation: Teaching staff and Students - Haus am Tabor⁸ – Obere Hauptstrasse 23, contact: Mrs. Brunner tel.0043 (0) 676 4097740; Lunch and dinner: Rathausstüberl – tel. 0043 (0) 2167 2883
- Sept. 2nd **First day** of the Intensiveprogram, venue: Seminarroom fire department
Venue: Fire Department , Satzgasse 9 <http://www.ff-neusiedlamsee.at/>
+ Opening session – Major Kurt Lentsch
+ Key note speakers – Kromp-Kolb⁹, Treberspurg¹⁰, Henriques, Stojkov¹¹, Aladzic,
+ Plenum – Keynote speakers plus Prus, Pfaffenwimmer¹², Zehetner, Halbritter
1st Excursion in the afternoon: National park, contact: Prof. Alois Herzig¹³
Evening gathering: Venue: Gerbgruben nick.titz@gerbgruben.at, www.gerbgruben.at
- Sept. 3rd **Second day:** Morning session – continuing of the lectures
2nd Excursion in the afternoon: Wine bio farm Gernot Heinrich in Gols - www.heinrich.at Discussion about the processes of wine-production and soil sequestration – with Gernot Heinrich, DI Franz Rosner from the wine academy in Klosterneuburg¹⁴ and Dr. Franz Zehetner¹⁵ from the Institute of Soil research-BOKU
- Sept. 4th **Third day:** Morning session – continuing of the lectures
Workshop about renewable energies in the seminar-room of the fire department – contact: DI Johann Binder¹⁶
- Sept. 5th **Future Search Conference** – Teaching staff, students, stakeholders from Neusiedl
- Sept. 6th-11th Project week
- Sept. 12th **PRESENTATION** – venue: Weinwerk – Ober Hauptstrasse 31; 17:00 – 20:30
<http://www.weinwerk-burgenland.at/>
- Sept. 13th **Final event**, 19:00- Venue: yet unknown
- Oct.-Dec. Students are finalising the project work

ARRIVAL BY CAR, TRAIN, AIRPLANE

By car: On the highway 'A4' from Budapest and Vienna to Neusiedl

By train: Bruck an der Leitha-Neusiedl <http://fahrplan.oebb.at/bin/query.exe/dn?ld=3&OK#focus>

By airplane: Take a bus from Schwechat airport to Bruck an der Leitha and Neusiedl am See

RESULTS

Questionnaire of the carbon-neutral discussion

Publication: "The city of the Future"

Video: optional

CONTACTS

Stadtgemeinde Neusiedl am See: DI Vera Rittsteuer, Gemeindeamt: Hauptplatz 1, 7100 Neusiedl am See, Tel: +43 2167 2300-324 Fax: +43 2167 2300-322 e-mail: v.rittsteuer@neusiedlamsee.at
Stadtrat DI Thomas Halbritter tel.0664 1555993 e-mail thomas.halbritter@bic-kol.at

⁸ Haus am Tabor web: <http://www.haus-am-tabor.at/>

⁹ o. Univ.Prof. Dr. phil. Kromp-Kolb, Helga: Center for Global Change and Sustainability, <http://www.wau.boku.ac.at/met.html>

¹⁰ o.Univ.Prof. DI, Dr.techn.Arch. Treberspurg, Martin: Institute of Structural Engineering. <http://www.treberspurg.com/>

¹¹ o.Univ.Prof. Dr.em. Stojkov, Borislav: Univ.of Belgrade - Spatial Planning <http://www.palgo.org/cms/sr/o-nama/saradnici>

¹² Dr. Pfaffenwimmer, Günther: Senior Legal Secretary, Fed. Ministry for Education, the Arts&culture. <http://www.ensi.org/>

¹³ o.Univ. Prof. Dr. em. Alois Herzig - <http://burgenland.orf.at/news/stories/2516077/> see also Biologische Station Illmitz <http://www.burgenland.at/natur-umwelt/biologische-station>

¹⁴ Education&research center for viniculture and pomology <http://www.weinobstklosterneuburg.at/seiten/index.php/view.462/>

¹⁵ Priv.-Doz. Dr. Zehetner, Franz: Senior Scientist Institute of Soil Research, <http://www.wabo.boku.ac.at/512.html?&L=1>

¹⁶ DI Johann **Binder** - Director and authorized representative for Technology of the Burgenland. Email: binder@eabgld.at

Tel: 05/9010/8787 <http://www.eabgld.at/index.php?id=774&CSS=0&CT=0>

PARTNERS DATA

1.. PARTNER NR 1

University of **Ljubljana**, Biotechnical Faculty - Agronomy Department

Prof. Tomaz Prus tomaz.prus@bf.uni-lj.si soil research

Prof. Tatjana Capuder Vidmar tatjana.capudervidmar@bf.uni-lj.si landscape architecture

2.. PARTNER NR 2

Technical University in **Zvolen** - Department of Landscape Planning and Design

Mgr. PhD. Bruno Jakubec – jakubec@tuzvo.sk Ecologist

Ing. PhD. Magdalena Pichlerova magdalena.pichlerova@tuzvo.sk Ecologist, vice dean

3.. PARTNER NR 3

University of **Zagreb** Faculty of Agriculture - Department of General Agronomy

Univ. Prof. Dr. Ivica Kisic – ikisic@agr.hr soil research

4.. PARTNER NR 4

University Institute of **Lisboa** - Instituto Superior de Ciências do Trabalho e da Empresa - *ISCTE*

Prof. Dr. José Manuel Henriques – jose.henriques@iscte.pt Political economy

Teresa Marat-Mendes marat.mendes@gmail.com architecture

5..PARTNER NR 5

Corvinus University – **Budapest** – Department of Landscape Planning

Prof. Dr. Csémez Attila – attila.csemez@uni-corvinus.hu Landscape architect

6..PARTNER NR 6

University of **Belgrade** – Faculty of Geography – Institute of Spatial Planning

Prof. Dr. Borislav Stojkov – Spatial planner batastojkov@gmail.com Spatial planner

Until last year: direktora Republičke agencije za prostorno planiranje Borislava Stojkova

Prof. Dr. Velimir Secerov – app2000@eunet.rs Physical planner

University of Belgrade – Faculty of Forestry – Landscape architecture

Prof. PhD. Jasminka Cvejic - www.gef.bg.ac.rs

University of Novi Sad – Faculty of Civil engineering

Ass. Prof. Dr. Viktorija **Aladzic** - vikica@yunord.net Architecture and urbanism

7..PARTNER NR 7

University of Architecture Civil Engineering and Geodesy, **Sofia** – Faculty of Architecture

Prof. Dr. Vesselina Rousseva Troeva – vtroeva@gmail.com Executive Director, National Centre for Regional Development , Sofia

Chief Assis.Prof. Dr.Arch. Milena Tasheva - Petrova - tasheva_far@uacg.bg – architect

8..PARTNER NR 8

University of **Athens** – School of architecture

Ass.Prof. Ariadni Vozani – avozani@yahoo.com architect

9...PARTNER NR 9

University of Natural Resources and Life Sciences, BOKU – **Wien** – Dept. of Forest and Soil Sciences

Univ. Prof. Dr.mult. em. Winfried Blum – Institute of Soil research – IBF; soil research

Wblum@groupwise.boku.ac.at

Priv. doz. Dr. Franz Zehetner – IBF; franz.zehetner@boku.ac.at soil research

DI Claus Rainer Michalek – claus-rainer.michalek@boku.ac.at Director of the BOKU e-learning centre

DDI Roman Grünner – IKI roman@grunner.sk Building construction and architects physics; webmaster of the academia-danubiana

Dr.a Margarita Calderón-Peter and Mag.a Agnes Liebl from the Centre of International Relations take care for the administrative procedure of the IP with regard to the university.

<http://www.boku.ac.at/international.html?&L=1>

Univ. Prof. Dr.rer.nat. i.R. Werner Kvarda – IBF; Werner.kvarda@boku.ac.at spatial planner

Last but not least: Mrs. Gabriele Leitner is the financial manager of the Department of Forest- and Soil Science and she takes care for the obligatory financial affairs of the IP.

Contact:

o.Univ.Prof.i.R. DI. Arch. Dr.rer.nat. Werner Kvarda

University of Natural Resources and Life Sciences – BOKU; Institute of Soil Research - IBF

E-mail: werner.kvarda@boku.ac.at

Web: <http://academia-danubiana.net/> <http://permakultur.net>