
Welcome to the Summer 2020 Edition of the eseia Newsletter!

Dear eseia members, colleagues and friends,

These past few months probably have been some of the most challenging in our lives. We have been trying to keep things afloat facing a persistent life-threatening virus that made us see more clearly than ever what actually matters. As we realize that we are in the middle of a rapid changing current, what we all need most is orientation globally and support from our next of kin.



The EU provide massive support for a sustainable, even, inclusive and fair recovery plan. The investments will be targeted to 'the European Green Deal and digitalization will boost jobs and growth, the resilience of our societies and the health of our environment.' We have much to gain from it overall. Eventually, this unprecedented investment in our future will lead to a more political and social union, I hope, complementing the economic union we have built to date.

It is summer time, which is why all of us deserve some time off to enjoy with our loved ones and to recharge our batteries.

It may be that you have your holidays already behind you - like is the case with our Nordic friends - or you are still looking forward to the pleasure. In any case, this eseia Newsletter shall provide you with some informative insights into the work of eseia.

Enjoy reading! Happy holidays! I hope to see you around soon again.

Brigitte Hasewend
Director of eseia

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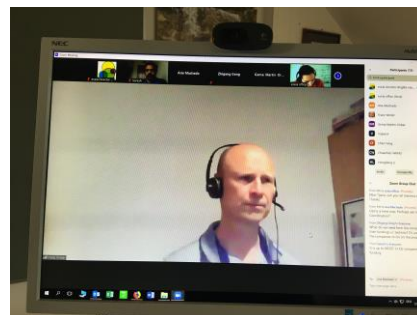
1. News from eseia

[eseia embraces CO2 friendly work mode](#)

Digital interaction not only prevents the virus from spreading, it also reduces our carbon footprint. For this reason, eseia has adopted a new digital work mode that puts eseia at your fingertips.

Since the corona plague continues haunting us, eseia has conducted all meetings virtually on zoom this year. In the past three months, the eseia meetings have become more frequent and more effective at the same time. In total with weekly meetings, more than 40 online appointments were held online. We have more time to spend on properly preparing meetings and ensuring effective follow-up. Our members have been very active and tend to be more attentive in meetings if they have a particular role to play. Member participation was well appreciated since more than 100 people took part in past virtual meetings.

The eseia Team are also working on furnishing a common cloud space for eseia members to be released beginning next year. In the meantime, the eseia Team are using Dropbox for sharing information relating to the eseia Working Groups.



More information:
[eseia Current News](#)

Contact Person:
Simona Tirlikaite, Communication Assistant, simona.tirlikaite@eseia.eu

[New Staff member](#)

The eseia Team, headed by the eseia Director Brigitte Hasewend, manages and coordinates the services and operations of the Alliance. It implements the **eseia Strategy 2030** together with the **eseia Working Groups**. We are pleased to introduce our new team member eseia Project Manager **Dr Tijana Jokic**. She holds a PhD in chemistry from the Graz University of Technology in the field of sensor materials. As a Marie Curie Fellow, she spent part of her studies in France and Ireland. She worked in the semiconductor industry and gathered experience in international customer projects.



[eseia Education and Training Programme \(ETP\) website updated](#)

We are happy to announce that eseia Education and Training website has been updated. Please check our [ETP](#) website for newest information about our offered educational services, including the eseia online ISS 2020, projects, projects outputs and achievements.

More information:
eseia Education and Training Programme [website](#).

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2. News from eseia Members

This section of the eseia Newsletter is dedicated to presenting news from our members related to the field sustainable energy. If you would like to share an interesting article for the upcoming newsletter, please send an email to the eseia Team: office@eseia.eu

Personnel News

[eseia Vice-President Brian Norton from TU Dublin recently been appointed Head of Energy Research at Tyndall](#)

eseia is pleased to inform that eseia Vice-President Professor Brian Norton from TU Dublin was appointed Head of Energy Research with direct responsibility for its International Energy Research Centre (IERC). Professor Norton is an internationally renowned academic and author in the global energy community. His research has been influential in applications as diverse as building integrated photovoltaics and the decarbonisation of buildings to the uses of solar energy in agriculture.



Prof. Brian Norton

More information:

[TU Dublin](#)

[Tyndall](#)

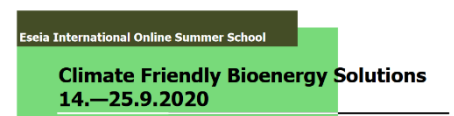
[Tyndall article](#)

Contact Person:

Simona Tirlikaite, Communication Assistant, simona.tirlikaite@eseia.eu

[eseia online International Summer School Programme published](#)

The eseia International Summer School this year will be held fully online. Arranged by **Eastern Finland** universities, Tanzanian partners and eseia, the ISS will take place from **14 - 25 September 2020**. ISS focuses microbe-based biorefining accelerated composting system for biomasses, slow pyrolysis, and biogas production, innovative ways how to improve soil. Moreover, targets possibility of reusing ash in multiple ways. We are kindly inviting Ph.D. students, master students, or young professionals in the field of bioenergy to register for the eseia ISS [here](#). There are only a few more places available. Therefore if you are interested, register soon. **Deadline for registration is 30 August 2020.**



More information:

[eseia ISS 2020 Programme](#)
[Savonia University of Applied Sciences](#)

Contact Person:

Prof. Markku Huhtinen, Savonia University of Applied Sciences in Varkaus, Finland, markku.huhtinen@savonia.fi

[eseia Conference 2020 on Solar Energy Conversion in Communities hosted by UTBv fully online](#)

The Transilvania University of Brasov ([UTBv](#)), the European Sustainable Energy Innovation Alliance (eseia), and the Romanian Academy of Technical Sciences organize the 6th edition of the Conference for Sustainable Energy CSE from 22 – 24 October 2020 in Brasov, Romania. The core topic of this year international conference edition is [Solar Energy Conversion in Communities](#). It will be held fully online. Please **send the abstract of the presentation(s) proposed for the conference no later than 30 September 2020** via e-mail to the conference address cse@unitbv.ro.

More information:

Conference [website](#).

[Transilvania University of Brasov](#).



Universitatea
Transilvania
din Braşov

Contact Persons:

Prof. Anca Duta, UTBV, cse@unitbv.ro

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3. eseia Projects

RUNNING PROJECTS NEWS

[New eseia project RE4Industry](#)

RE4Industry focuses on **100% renewable energies for energy intensive industries**. During a period of three years, the consortium aims at facilitating the transition of the sector towards bioenergy, solar, thermal and geothermal energy systems. The new project is formed by **eseia and 10 organizations** from six EU Member States. The project leader is the Spanish CIRCE Foundation.



More information:

Find further information [here](#).

Contact Person:

Dr Tijana Jokic, Project Manager, Tijana.jokic@eseia.eu

Report from the eseia Working Group Bioresources

Currently, **WG Bioresources** focus on EBB CentrALL and Fullfrac proposal preparation. Both proposals has a deadline September, 2020.

Proposals

eseia driven - EBB CentrALL

Proposal preparation for the BBI JU call **Create and interlink bio-based education centres to meet industry's needs of skills and competencies** (BBI-2020-SO4-S3, Deadline 3 September) brings together 11 eseia members from 6 EU countries. The proposal aims to design and support the sustainable development of educational centers across Europe and encompass the whole value chain of bio-based industries from field/forest to integration into the sustainable energy systems of settlements and regions

Member driven – Fullfrac

Another proposal under BBI JU **Develop integral fractionation of lignocellulose to produce components for high-value applications** is under preparation. Proposal gathered 8 eseia members: Michael Bongards, Anton Friedl, Marlene Kienberger, Stefan Spirk, Stefan Barbe, Markku Huhtinen, Bozidar Santek, Luis Duarte and partners Andreas Sapalidis and Manuela Romagnoli. This project aims to develop innovative feedstock processing technologies for the efficient recovery of by-product streams of biorefineries such as hemicelluloses and lignin and their upgrade into value-added biochemicals, bioactive compounds, and performance materials

Member driven – Solar Fuels

A consortium for the submission of a proposal on the topic is set up and the team working on the preparation. Proposal aims at international cooperation with China on targeted research activities for obtaining alternative renewable fuels for energy and transport through electrochemical reaction. The proposal will develop breakthrough artificial photosynthesis technologies in terms of sunlight conversion efficiency for the production of energy carriers with novel photo-catalysis coupled with CO₂ reduction.

European Green Deal

In order to achieve the transformations set out in the European Green Deal, **the Green Deal call** will mobilise research and innovation in 11 thematic areas. eseia will focus on 7 topics related to its core mission, namely climate neutral and socially innovative cities and regions, closing the industrial carbon cycle to combat climate change, green ports for sustainable and smart mobility, research infrastructures for clean energy storage technologies, clean energy transition in partnership with Africa and climate change education. 4 eseia working groups will participate in this call.

More information:

Further details and full file is members only. Find file attached [here](#).

Contact person:

Dr Tijana Jokic, eseia Project Manager, Tijana.jokic@eseia.eu

4. European Policy News

[Hydrogen Europe, Beginning of a New Industrial Era](#)

With great enthusiasm, Hydrogen Europe welcomes today's publication of "Powering a climate-neutral economy: **An EU Strategy for Energy System Integration**" and the accompanying communication "**A hydrogen strategy for a climate-neutral Europe**". The fact that the European Commission has decided to present a dedicated communication on a hydrogen strategy is testament to the commitment for a systemic change out of fossil into electricity and hydrogen in order to achieve the EU's 2030 and 2050 climate targets.



[European Green Deal Summary](#)

The European Green Deal call will mobilize research and innovation to foster a just and sustainable societal transition. Projects are expected to deliver tangible and visible results relatively quickly and show how research and innovation can provide concrete solutions for the **Green Deal** main priorities. Call will contain 11 areas and support pilot applications, demonstration projects and innovative products, innovation of green and digital transition, social and value chain innovation.



[Top experts propose potential EU missions for further consultation with Europeans](#)

High-level independent experts proposed possible **EU missions**: bold goals to be achieved and aimed at tackling some of our greatest global challenges. These challenges include **cancer, adaptation to climate change, healthy oceans, climate-neutral cities and healthy soil and food**. Missions will be crucial for the transformation of Europe into a greener, healthier, more resilient continent for all. Further details about the proposal and five missions [here](#).



[European Research and Innovation Days](#)

This September, **European Research and Innovation Days** will bring stakeholders together to shape future research and innovation policy. With EU societies gradually lifting their lockdowns and recovery plans taking shape, we must now ensure that the transition to a post-corona society is sustainable, inclusive and resilient. Research and innovation will be key to achieve this.

You can join interactive virtual sessions on **22-24 September 2020**. Further details about the event are available [here](#).



[Knowledge for Change: A decade of Citizen Science \(2020-2030\) in support of the SDGs](#)

14.-15. October 2020, the Museum für Naturkunde with many partners, supported by the European Commission and the Federal Ministry of Education and Research (**BMBF**), will hold an international conference in order to showcase, evaluate, and discuss the contribution of citizen science to frame and achieve the SDGs. This conference is an official event of **Germany's 2020 EU Council presidency**. The conference addresses topics around citizen science such as - citizen science for the UN Sustainable Development Goals, policy and scientific methodology of citizen science and scientific benefit of citizen science networks and platforms.



5. eseia Upcoming Events

All eseia meetings are held virtually in 2020:

Date	Category	Event	Host	Venue
14-15 September 2020	ETP	eseia Online International Summer School	Savonia UAS	Savonia, FI
22-24 October 2020	ETP	4 th eseia Conference on Sustainable Energy CSE	UBTv	Brasov, RO
17-18 November 2020	Strategy	eseia Business Meetings and Proposal Workshop	eseia	Brussels, BE

[eseia online ISS in Savonia, Finland](#)

Climate Friendly Bioenergy Solutions, 14-25 September 2020. International Summer School this year will be held fully online. Arranged by **Eastern Finland** universities, Tanzanian partners and eseia, the ISS will take place from 14 - 25 September 2020. There are only a few more places available. Therefore if you are interested, register soon. PhD, master students, or young professionals in the field of bioenergy are welcome to register. Find more information about the ISS topics or programme [here](#).

[eseia Bi-Annual Conference in Brasov, Romania, 22-24 October](#)

The Transilvania University of Brasov (UTBv), the European Sustainable Energy Innovation Alliance (eseia), and the Romanian Academy of Technical Sciences organize the 6th edition of the Conference for Sustainable Energy CSE from 22 – 24 October 2020 in Brasov, Romania. The core topic of this year's international conference edition is Solar Energy Conversion in Communities. It will be held fully online. The organization welcomes experts to participate in the CSE 2020 to enable a high-level event. Please send the abstract of the presentation(s) proposed for the conference no later than **30 September 2020** via e-mail to the conference address cse@unitbv.ro.

[eseia Business Meetings, Brussels, 17-18 November](#)

As a result of the current situation, the eseia Brussels Meetings to be held fully online. This year we will present to the General Assembly for adoption the following:

- eseia Work Programme and Budget 2021;
- Report from eseia Working Groups;
- Update of the eseia Accounts Q3;
- Update on eseia Membership.

In addition, we will have our EU Policy Update with speakers from the European Commission focusing on the European Green Deal.

European Sustainable Energy Innovation Alliance – eseia

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eseia Homepage

More information about eseia members
And activities can be found on our website
www.eseia.eu

eseia Education and Training Programme

More information about eseia courses and
activities can be found at:
www.etp.eseia.eu

eseia Services:

- **Close contact** to the **European Commission** facilitated by our desk in Brussels, as well as contacts to funding agencies and thorough **know-how of funding programmes**.
- **Knowledge building** and **dissemination** through eseia projects, such as the eseia journal and EC-SET Plan Education and Training Initiative.
- **Long term contact** with **international** and **cross-sector organisations** working in the area of renewable energies.
- Support for **consortium building** and the **coordination and management** of large scale proposal preparation process.
- **Information sharing** through interactive workshops, business meetings and quarterly newsletters including news from the grapevine of EU policy regarding renewable energies.

eseia Newsletter Calendar 2020

Newsletter	Deadline sending input to eseia	Issue
37th Edition	1 September	September 2020
38th Edition	1 December	December 2020

The eseia Team is looking forward to your inputs.

Responsible for content:
eseia Team
© eseia Team, July 2020
Printing and record error reserve

Layout conception and production:
eseia - Team