

# Wojciech Budzianowski Consulting Services

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From the Selected Works of Wojciech Budzianowski

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2017

## Call for abstracts - RESRB 2018, June 18-20, Brussels, Belgium

Wojciech M. Budzianowski, *Wojciech Budzianowski Consulting Services*

## 3<sup>rd</sup> Conference



## Renewable Energy Sources - Research and Business (RESRB) 2018

### Venue

Brussels, Belgium

### Date

18-20 June 2018

## CALL FOR ABSTRACTS

### Invitation

The Conference Chairs, International Scientific Committee and Scientific Advisory Board cordially invite you to communicate your recent research, share your expertise and facilitate your business at RESRB 2018.

### Scope

The **Renewable Energy Sources - Research and Business (RESRB) 2018** conference is designed as a platform for reporting, discussing, improving and disseminating recent developments in renewable energy science, technology, business and policy. Participants from various organisations such as universities, institutes, NGOs, associations, industries etc. are invited. It is an international event with ambitions to share leading research expertise and facilitate business development and thus to be one of the most influential renewable energy knowledge transfer channels. The conference is a must for research groups at the cutting edge of renewable energy science, technology, policy and business development. The conference will facilitate synergies between academia and commercial sectors. Delegates from enterprises seeking innovations and expanding to new markets may benefit from sponsoring, exhibiting and networking thus improving their business environment. RESRB 2018 is particularly focused on developed and developing countries applying green growth policies and plays the role in informing policymaking processes. The participation mode can be either in-person or virtual. Digital conference Proceedings will be made available to all participants including abstracts and contact details of all accepted contributions. Submitted full manuscripts will be internally reviewed by RESRB international referees and review outcomes communicated to authors for facilitated publication in leading international journals and edited books.

### Themes

The **3<sup>rd</sup> RESRB 2018** conference focuses on five key renewable energy areas: (1) bioenergy, (2) wind, (3) solar, (4) hydro and their (5) business development.

The special theme for 3<sup>rd</sup> RESRB 2018 is:

- Sustainable Production and Use of New Energy Carriers from Renewable Sources

Other main themes for 3<sup>rd</sup> RESRB 2018 are:

- Renewable Energy Harvesting Technologies
- Renewable Energy Economics, Policy and Management
- Renewable Energy Business Development
- Intelligent Distributed Energy Systems and District Integration
- Energy Storage
- Bioenergy

Additional RESRB themes include:

- Solar photovoltaics
- Wind
- Hydro
- Solar thermal
- Concentrated solar power
- Geothermal energy

- Wave, tide and other marine energies
- Biofuels
- Renewable heating and cooling
- Renewables in transport
- Renewables in buildings
- Agricultural and land use issues
- Biomass production
- Agronomy
- Biorefineries
- Renewables in industrial symbiosis
- Energy systems
- Road maps
- Hydrogen and fuel cells
- Desalination
- Software tools
- Environmental impact
- Life cycle assessment
- Decarbonisation and synergies with fossil fuels
- Sustainability
- Standards
- Infrastructure
- Materials
- Resources
- Power system, power electronics, smart grid
- Micro scale renewables
- Power grids, requirements, international connections
- Grid stability, power generation flexibility
- Electric vehicles
- Energy storage
- Renewables in developed, developing and underdeveloped countries
- Business models and strategies
- Planning
- Renewable energy policy
- Renewable energy economics
- Renewable energy business development
- Innovations, intellectual property rights
- Financing, project finance and management
- Accounting
- Venture capital, entrepreneurial finance, corporate finance
- Intellectual property, start-ups, licensing
- Merger and acquisitions, capital markets, outsourcing, consumer behaviour
- Incentives, legislation
- Energy markets
- Risks and risk management
- Costs and revenues
- Legislative and ethical considerations for research, business and policy interactions
- Societal issues, consumer access, social benefits
- Organisations
- Other topics of critical importance for the development of renewable energy science, technology, policy and business

### **International Scientific Committee (ISC)**

Wojciech Budzianowski - Co-Chair (Wojciech Budzianowski Consulting Services, Wrocław, Poland)

Alessandro Parente - Co-Chair (Université Libre de Bruxelles, Brussels, Belgium)

Wei-Hsin Chen (National Cheng Kung University, Tainan, Taiwan)

Francesco Contino (Vrije Universiteit Brussel, Brussels, Belgium)

József Popp (University of Debrecen, Debrecen, Hungary)

Abdellatif Zerga (Pan African University, Tlemcen, Algeria)

### **Scientific Advisory Board (SAB)**

Venkata R. Ancha (Jimma University, Jimma, Ethiopia)

Akram Avami (Sharif University of Technology, Tehran, Iran)

Nagaraj Banapurmath (KLE Technological University, Vidyanagar, India)

Melike Bildirici (Yildiz Technical University, Istanbul, Turkey)

Nicu Bizon (University of Pitesti, Pitesti, Romania)

Kestutis Buinevicius (Kaunas University of Technology, Kaunas, Lithuania)

Ricardo Chacartegui (University of Seville, Seville, Spain)

Isaac Chitedze (Mzuzu University, Mzuzu, Malawi)

Frans Coenen (University of Twente, Enschede, The Netherlands)

Magdalena Dudek (AGH, Kraków, Poland)

Arkadiusz Dyjakon (Wrocław University of Environmental and Life Sciences, Wrocław, Poland)

José María Encinar (Extremadura University, Badajoz, Spain)

Maohong Fan (University of Wyoming, Laramie, USA)  
Risto Filkoski (University Ss Cyril and Methodius, Skopje, Macedonia)  
Ioan Cristian Hoarcă (National R&D Institute for Cryogenics and Isotopic Technologies (ICIT), Rm. Valcea, Romania)  
Mooktzeng Lim (University of Canterbury, Christchurch, New Zealand)  
Eva Loukogeorgaki (Aristotle University of Thessaloniki, Thessaloniki, Greece)  
Jarosław Milewski (Warsaw University of Technology, Warsaw, Poland)  
Irene Nantongo (Pan African University, Tlemcen, Algeria)  
Abdul-Sattar Nizami (Center of Excellence in Environmental Studies (CEES), Jeddah, Saudi Arabia)  
Judit Oláh (University of Debrecen, Debrecen, Hungary)  
Salvador Ordóñez (University of Oviedo, Oviedo, Spain)  
Jan Pieter (Solar Monkey, Delft, Netherlands)  
Andreas Poullikkas (Cyprus Energy Regulatory Authority, Nicosia, Cyprus)  
Michel Rwema (Pan African University, Tlemcen, Algeria)  
Antonio Santos Sánchez (Federal University of Ouro Preto, Ouro Preto, Brazil)  
Ki-Yeol Shin (Yeungnam University, Gyeongbuk, South Korea)  
Jean Paul Sibomana (Pan African University, Tlemcen, Algeria)  
Mikhail Simonov (Istituto Superiore Mario Boella, Turin, Italy)  
Bhaskar Singh (Central University of Jharkhand, Ranchi-Jharkhand, India)  
Saeed Solaymani (Arak University, Arak, Iran)  
Panagiotis Tsiakaras (University of Thessaly, Thessaly, Greece)  
Talal Yusaf (University of Southern Queensland, Toowoomba, Australia)  
Timothy M. Young (The University of Tennessee, Knoxville, USA)

#### **Organising Committee**

Wojciech Budzianowski - Co-Chair  
Alessandro Parente - Co-Chair  
Francesco Contino

#### **Conference founder**

Wojciech Budzianowski

#### **Organiser**

Wojciech Budzianowski Consulting Services  
Poleska 11/37, 51-354 Wrocław, Poland



#### **Patrons**

burn-research.be, Brussels, Belgium



Renewable Energy and Sustainable Development (RES D) Group, Wrocław, Poland



#### **Website**

<http://resrb.budzianowski.eu>

#### **Conference structure**

The conference structure consists of plenary lectures, keynote lectures, oral lectures, and short communications. In addition, a brainstorming activity and awards for best presenters are envisaged.

## **Publications**

### *(1) Abstracts in digital Proceedings*

All abstracts submitted to the conference will be published in the peer-reviewed **digital Proceedings**. The maximum length of the abstract is 1 page. Proceedings will be published on-line in open-access with an ISBN number.

Peer-review procedure: (i) a minimum of two independent experts review all submissions, (ii) final abstracts must be approved by two experts.

Editors of Proceedings: Budzianowski W.M., Parente A.

### *(2) Articles in journals*

Full articles associated with contributions presented at the RESRB conference will be facilitated for publication in **journals**. Conference internal reviewers will advise authors on how to improve the manuscripts and suggest journals suitable for publication. Authors will select a journal for publication. Final revised articles submitted to journals by the authors will undergo peer-review procedures consistent with journals' standards. Typically, at least two independent journals' reviewers will have to approve the final manuscripts.

In addition some journals will offer special issues for selected RESRB full papers, e.g. Journal of Renewable Energy Sources - Technology, Business and Policy, Journal of Power Technologies, ...

### *(3) Chapters in edited books*

Full articles associated with contributions presented at the RESRB conference will be facilitated for publication in **edited books**. Conference reviewers will advise authors on how to improve the manuscripts. Authors will select an edited book for publication. Peer review procedure for edited books: two independent reviewers must approve manuscripts. The conference will support the creation of edited books relevant to conference themes.

## **Acknowledgments**

When submitting your full conference paper to journals/edited books please acknowledge the conference presentation as follows:

The work has been presented at the 3<sup>rd</sup> Renewable Energy Sources - Research and Business (RESRB) conference held on 18-20 June 2018 in Brussels (Belgium).

## **Oral lecture requirements**

Please prepare a presentation for your oral lecture in power point or similar software with additional conversion to pdf. Your oral lecture will take 15 minutes + 5 minutes discussion.

## **Short communication/virtual short communication requirements**

Please prepare your short communication/virtual short communication in a power point or pdf format. You will show your short communication to the audience during the conference short communication session (5 minutes + 3 minutes discussion). The virtual short communication of virtual participants will be presented by a Committee member or by using your video.

Short communication/virtual short communication format:

1 page short communication title page with authors,

0-2 pages CV of the corresponding author with a photograph including his/her research in renewable energy (virtual short communications only), this should clarify your expertise in the researched field, 2-5 pages main research results in the form of figures, photographs, schemes etc. (each item is clearly described by one sentence), if text is essential use very short bullet points,

1 page conclusion in short bullet points.

Please make sure that your virtual short communication is sufficiently comprehensive that it can be presented to the audience by someone who did not participate in your research and that the audience will understand the main points. Use comprehensive figures and short bullet points. Focus on your novel findings. Avoid too much text. Research goals, conclusions and originality must be particularly clear. In conclusions emphasise one key message you wish to communicate to the conference academic and/or business audiences that was formulated based on your research.

Virtual short communication in video format:

Alternatively virtual short communication may be prepared in a video format (5 minutes). The video may simply include your presentation and your comments. The preferred format is mp4 HD. The video will be displayed to the audience during the short communication session.

Send your virtual short communication at least 1 month prior the conference to:

[wojciech1@budzianowski.eu](mailto:wojciech1@budzianowski.eu)

### Business participation at RESRB

Business participants may sponsor or exhibit at RESRB and additionally:

- launch novel products and highlight existing ones,
- enhance company sales and educate the market,
- spotlight key executives,
- increase brand awareness and position the organisation in the renewable energy community,
- elevate visibility of the company in focused markets,
- benefit from interaction with a highly qualified scientific community,
- network with experts and form new alliances with national and international clients,
- have access to new knowledge and attract new innovations to the company,
- build business relationships for the future.

For participants seeking academia-business interactions the organisational structure of RESRB will provide relevant opportunities. Start-ups and other knowledge and innovation driven enterprises are particularly welcome at RESRB.

### Sponsorship and exhibition

Various forms of sponsorship are available. An exhibition will run alongside the conference sessions. Companies may advertise either physically at the conference or electronically exploiting dedicated solutions. These services are offered on a first-come, first-served basis. To discuss your requirements or to book sponsorship or exhibit space please contact the Organiser at email:

[wojciech1@budzianowski.eu](mailto:wojciech1@budzianowski.eu); tel.: +48 792781784.

### Important dates

Abstract due	November 30, 2017
Abstract acceptance decision	up to 7 days
Fee payment	February 28, 2018
Digital conference Proceedings available	June 18, 2018
Conference	June 18-20, 2018
Full manuscript due	December 31, 2018
Internal review outcomes sent to authors	February 28, 2019
Final article submission	April 30, 2019

### Conference fees

Participation in-person (all days)	€490
Participation in-person (PhD/MSc student) (all days)	€450
Participation in-person (early bird payment by January 31, 2018) (all days)	€450
Participation in-person (PhD/MSc student) (early bird payment by January 31, 2018) (all days)	€410
Participation in-person (1 day)	€350
Participation in-person with presentation and without article	€350
Accompanying person	€300
Virtual participation	€220
Additional submission #2, #3, etc.	€130

For payments in USD and PLN use the following exchange rates 1 EUR = 1.17 USD = 4.30 PLN.

### **Payment instructions**

Please pay the conference fee to:

Bank account:

Wojciech Budzianowski Consulting Services

Alior Bank SA Łopuszańska 38 D 02-232 Warszawa

BIC (SWIFT) - ALBPPL PW

No. (IBAN) PL18249010570000990275291419 (payment in EUR)

No. (IBAN) PL71249010570000990175291419 (USD)

No. (IBAN) PL89249000050000410098926265 (PLN)

Payment costs - use option OUR - all transfer costs paid by the payee.

Please add the statement: Conference fee RESRB, Lastname Firstname.

Please send the payment confirmation to [wojciech1@budzianowski.eu](mailto:wojciech1@budzianowski.eu).

For other payment modes, e.g. in cash - please contact [wojciech1@budzianowski.eu](mailto:wojciech1@budzianowski.eu).

### **Cancellation policy**

If you find it necessary to cancel your participation, exhibition or sponsorship, please email the conference organiser immediately via email: [wojciech1@budzianowski.eu](mailto:wojciech1@budzianowski.eu). In addition, please send written notice in paper by normal post to the conference organiser address. Cancellation more than 91 days prior to the first open day of the conference - 50% of the total charge as a cancellation fee provided that written notice in paper is received by the organising committee. Cancellation 91 days or less prior to the first open day of the conference - 100% of the total charge as a cancellation fee.

### **In-person participation**

In-person participation is when an attendee is physically present at the conference. For in-person participants the conference fee includes the following services: (i) peer review of abstracts for Proceedings, (ii) abstract publication on the digital conference Proceedings, (iii) presentation at the conference (the first submission is oral, additional submissions are usually short communications), (iv) internal peer review of full manuscript, (v) social programme, (vi) coffee, drinks, meals etc.

### **Virtual participation**

Virtual participation is when an attendee is unable or unwilling to take part in-person in the conference and his/her short communication is presented to the audience during dedicated sessions. For virtual participants a conference fee includes the following services: (i) peer review of abstracts for Proceedings, (ii) abstract publication on the digital conference Proceedings, (iii) presentation of slides at the conference by conference presenter, (iv) internal peer review of full manuscript. Virtual authors are encouraged to submit video presentations. Virtual participation is specifically designed to facilitate the involvement of participants from developing countries for which renewable energy is important for achieving sustainable economic development and eradicate poverty.

### **Special fee reduction programme**

In order to facilitate access to international conferences for participants from developing countries and/or temporarily without access to institutional funding this conference offers a special fee reduction programme. Fee reduction is available when a participant contributes to the conference development by means of (i) review full conference manuscripts, (ii) submission of material for presentation of exceptional professional quality, (iii) any other exceptional form of contribution to the conference enhancement.

In case you wish to (i) review full conference manuscripts, (ii) submit exceptional material for presentation or (iii) contribute to the conference enhancement please contact [wojciech1@budzianowski.eu](mailto:wojciech1@budzianowski.eu) enclosing your CV. You will be provided with fee reduction details.

### **Participant's steps in brief**

- 1) Submit your **abstract** to [wojciech1@budzianowski.eu](mailto:wojciech1@budzianowski.eu) (use abstract template)
- 2) Upon receiving acceptance please register - send your **registration file** to [wojciech1@budzianowski.eu](mailto:wojciech1@budzianowski.eu) or register online at <http://resrb.budzianowski.eu>
- 3) **Pay your fee** indicated during registration not later than on the date indicated in Important dates
- 4) For in-person participants requiring a visa please contact the conference chair for a **visa letter**
- 5) As an in-person participant you will present your **oral lecture** and **short communication(s)** at the conference to the audience according to the Programme
- 6) If you are a virtual participant please submit your **slides or video** to [wojciech1@budzianowski.eu](mailto:wojciech1@budzianowski.eu) (at least one month prior to the conference)
- 7) Submit your **full manuscript** to [wojciech1@budzianowski.eu](mailto:wojciech1@budzianowski.eu)
- 8) Upon receiving internal reviewers' comments **revise** your full manuscript accordingly
- 9) Submit your **revised full manuscript** for publication in suitable journals or edited books

### **Ethical considerations**

This conference is a platform aimed at raising academic quality of science and linking the different types of participants (e.g. research, business and policy) with consideration of ethical standards to the highest possible extent. The conference seeks only original contributions. Internal review processes for abstracts and full manuscripts aim at fair evaluation of professional quality. The criteria of quality include among others: originality, conciseness, profundity, societal impact, relevance to the conference subject. Conference contributions are judged only on merits without regard to authors' race, gender, seniority, nationality, affiliation or political views. The internal review process is single blind and confidential. All ethical issues regarding any conference contribution such as plagiarism, conflict of interests, errors or violation of intellectual property rights should be immediately reported and such contributions will be excluded from the conference. Please report all important ethical issues directly to [wojciech1@budzianowski.eu](mailto:wojciech1@budzianowski.eu).

### **Venue**

Université Libre de Bruxelles (ULB), Solbosch Campus, Building K  
Avenue F.D. Roosevelt 42, B-1050 Brussels, Belgium

### **Logistics**

The Brussels airport (Zaventem) is well connected with all major European and international airports. From the airport you may reach the venue by train (B-rail to Etterbeek station), city buses (De Lijn, MIVB/STIB +tram, metro), car, bike and taxi.

### **Accommodation**

Accommodation is booked by participants. Hotel booking can be arranged by hotels' websites or services such as HRS.com (<http://www.hrs.com>), Hotels.com (<http://www.hotels.com>) or Booking.com (<http://www.booking.com>). More detailed hotel information (including pricing and contact details) is available on your request. On special request accommodation booking can be arranged by the organiser on behalf of participants (please contact [wojciech1@budzianowski.eu](mailto:wojciech1@budzianowski.eu) for details).

### **Programme**

<b>Monday 18 June 2018</b>	
08.00-09.00	Registration (Hall)
09.00-09.10	Opening session (Room A)
09.10-09.55	Plenary lecture 1 (Room A)
09.55-10.20	Coffee break (Hall)
10.20-10.50	Key note lecture 1 (Room A)
10.20-10.50	Key note lecture 2 (Room B)



10.20-10.50	Key note lecture 3 (Room C) Future sustainable energy systems towards 2050 Andreas Poullikkas* *speaking author at Cyprus Energy Regulatory Authority, Nicosia, Cyprus
10.50-11.20	Key note lecture 4 (Room A) Advanced technologies for hydrogen production and separation Wei-Hsin Chen* *speaking author at National Cheng Kung University, Tainan, Taiwan
10.50-11.20	Key note lecture 5 (Room B)
10.50-11.20	Key note lecture 6 (Room C)
11.20-12.30	Lunch break (Restaurant)
12.30-14.30	Oral lecture session 1 (Room A)
12.30-14.30	Oral lecture session 2 (Room B)
12.30-14.30	Oral lecture session 3 (Room C)
14.30-15.00	Coffee break (Hall)
15.00-17.00	Oral lecture session 4 (Room A)
15.00-17.00	Oral lecture session 5 (Room B)
15.00-17.00	Oral lecture session 6 (Room C)
17.00-18.00	ISC and SAB Meeting (Room A)
<b>Tuesday 19 June 2018</b>	
08.45-09.00	Registration (Hall)
09.00-09.45	Plenary lecture 2 (Room A)
09.45-10.10	Coffee break (Hall)
10.10-10.40	Key note lecture 7 (Room A)
10.10-10.40	Key note lecture 8 (Room B)
10.10-10.40	Key note lecture 9 (Room C)
10.40-11.10	Key note lecture 10 (Room A)
10.40-11.10	Key note lecture 11 (Room B)
10.40-11.10	Key note lecture 12 (Room C)
11.10-12.30	Lunch break (Restaurant)
12.30-14.30	Oral lecture session 7 (Room A)
12.30-14.30	Oral lecture session 8 (Room B)
12.30-14.30	Oral lecture session 9 (Room C)
14.30-15.00	Coffee break (Hall)
15.00-16.00	Short communication session 1 (Room A)
15.00-16.00	Short communication session 2 (Room B)
15.00-16.00	Short communication session 3 (Room C)
16.00-17.00	Panel discussion: Commercialisation of renewable energy innovative technologies (Room A)
17.30-20.00	Gala dinner (Restaurant)
<b>Wednesday 20 June 2018</b>	
08.45-09.00	Registration (Hall)
09.00-09.45	Plenary lecture 3 (Room A)
09.45-10.10	Coffee break (Hall)
10.10-10.40	Key note lecture 7 (Room A)
10.10-10.40	Key note lecture 8 (Room B)
10.10-10.40	Key note lecture 9 (Room C)
10.40-11.10	Key note lecture 10 (Room A)
10.40-11.10	Key note lecture 11 (Room B)
10.40-11.10	Key note lecture 12 (Room C)

	<p>Opportunities and challenges of renewable energy business in developing countries</p> <p>Wojciech Budzianowski*</p> <p>*speaking author at Wojciech Budzianowski Consulting Services, Wrocław, Poland</p>
11.10-12.30	Lunch break (Restaurant)
12.30-14.00	Short communication session 4 (Room A)
12.30-14.00	Short communication session 5 (Room B)
12.30-14.00	Short communication session 6 (Room C)
14.00-14.30	Coffee break (Hall)
14.30-16.00	Short communication session 7 (Room A)
14.30-16.00	Short communication session 8 (Room B)
14.30-16.00	Short communication session 9 (Room C)
16.00-16.15	<p>Closing session (Room A)</p> <p>- Award ceremony</p> <p>(1) Best conference oral lecture</p> <p>(2) Best conference oral lecture by student</p> <p>(3) Best conference virtual short communication</p> <p>(4) Best conference lecture related to an innovative solution with commercial potential</p>

### Conference language

English

### Future editions of RESRB conference

Please contact conference founder at [wojciech1@budzianowski.eu](mailto:wojciech1@budzianowski.eu) if you are interested to co-organise the 4<sup>th</sup> RESRB 2019 conference or the 5<sup>th</sup> RESRB 2020 conference in your country.

### Contact details

The organising committee may be contacted by email: [wojciech1@budzianowski.eu](mailto:wojciech1@budzianowski.eu) or by phone +48 792781784.