



1st Conference

Sustainable Solutions for Growth (SSG) 2018

Venue

Wrocław, Poland

Date

17-18 September 2018

CALL FOR ABSTRACTS

Invitation

The Conference Chair, International Innovation Committee, Scientific Advisory Board and Entrepreneurial Advisory Board cordially invite you to present your sustainable solutions, communicate your recent research, demonstrate your expertise and examine new sustainable solutions as investment opportunities for your organisation.

Scope

The **Sustainable Solutions for Growth (SSG)** conference is designed as a platform for reporting, discussing, improving and disseminating recent innovative and sustainable solutions facilitating economic growth. SSG is designed as a highly interdisciplinary event bringing together innovators, researchers, investors and other stakeholders under common goal - creating, evaluating, implementing and benefiting from sustainable innovations. SSG will thus support innovative projects and bring benefits to all involved stakeholders. Participants from universities, institutes, NGOs, associations, companies, venture capital funds, consultancies, etc. are invited. It is an international conference with ambitions to share leading ideas, expertise and highlight business opportunities. SSG aims to be one of the most influential channels transferring innovative sustainable solutions from owners to practice thereby these solutions may start to generate revenues. The conference is a must for research groups and individuals developing truly innovative and sustainable solutions and seeking opportunities for commercialisation. On the other hand, commercial companies seeking opportunities to invest in innovations and expanding to new markets will be interested in examining solutions presented at SSG. This will be achieved under the umbrella of expert consultants and service providers which also may benefit from the participation in SSG. Research done in academia related to e.g. innovation management, economic growth or in any way supporting the development and evaluation of high-income sustainable solutions is also vital to the success of SSG. The conference will therefore facilitate interactions between innovators and investors under the umbrella of associated stakeholders and scientific institutions. In addition, delegates from enterprises may benefit from sponsoring, exhibiting and networking thus creating the environment for enhanced business development. The participation mode can be either in-person or virtual. Digital conference Proceedings including abstracts and contact details of all accepted contributions will be published on-line in open-access. The abstracts of sustainable solutions in the open-access will not reveal confidential information, which can be obtained by contacting inventors. Submitted full manuscripts will be internally reviewed by SSG international referees and review outcomes communicated to authors for facilitated publication in leading international journals and edited books. The most innovative sustainable solutions presented at SSG might be implemented in the business practice thus bringing benefits for innovators, investors and associated stakeholders.

Themes

The special theme for 1st SSG 2018 is:

- Sustainable Innovation Management for Sectors: Information Technology, Health, Energy, Water, Agriculture, Process Industry, Education

Other main themes for 1st SSG 2018 are:

- Innovative Projects to be Funded Privately
- Innovative Technologies
- New Products (Goods or Services), Processes, Marketing Methods or Organisational Methods
- Venture Capital
- Entrepreneurship

Additional themes of SSG include:

- Innovation management
- Sustainability
- Sustainable innovations for sectors: information technology, health, energy, water, agriculture, education
- Disruptive innovations
- Solutions for developed, developing and underdeveloped countries
- Environmental and climate impacts
- Resources
- Materials
- Human skills
- Market research, marketing
- Life cycle assessment
- Infrastructure
- Business models and strategies
- Intellectual property rights
- Finance, project finance and management
- Entrepreneurial finance, corporate finance
- Strategic management, human resource management
- Start-ups, Small and Medium Enterprises (SMEs), licensing
- Capital markets, outsourcing, consumer behaviour
- Risks and risk management
- Decision science
- Other topics of essential importance for developing sustainable solutions for growth

International Innovation Committee (IIC)

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Vijay K. Verma (Science Park, Graz, Austria)

Stakeholders

| Stakeholder | Type | Form of support |
|--|--------------------------------|---------------------|
| BAS Institute of Management | management advisor | consulting services |
| Wojciech Budzianowski Consulting Services | innovation advisor | consulting services |
| PROJECT IN | technical advisor | consulting services |
| Jacek Smutkiewicz Independent Business Owner | advisor to private equity fund | equity investment |
| Future Cities Council | innovation advisor | consulting services |
| to be added | business advisor | consulting services |
| to be added | economic advisor | consulting services |
| to be added | incubator | incubation services |
| to be added | real estate | office services |
| to be added | staffing agency | labour services |
| to be added | accounting | accounting services |
| to be added | legal advisor | legal services |
| to be added | venture capital fund | equity investment |

Organising Committee

Wojciech Budzianowski - Chair
Kristina Krsteska

Conference founder

Wojciech Budzianowski

Executive organiser

Wojciech Budzianowski Consulting Services
Poleska 11/37, 51-354 Wrocław, Poland
email: wojciech1@budzianowski.eu
tel.: +48 792781784
website: <http://budzianowski.eu>
NIP - 8981349426
REGON - 367440022



Patrons

BAS Institute of Management, Skopje, Macedonia



Website

<http://sbg.budzianowski.eu>

Conference structure

The conference structure consists of plenary lectures, keynote lectures, oral lectures and short communications which all relate to research. Sustainable solutions are presented as short communications in special sessions. In addition, a panel discussion activity and awards for best presenters of research and best sustainable solutions are envisaged.

Types of abstracts

Participants are requested to provide abstracts in one of two formats, either as a sustainable solution abstract or as a research abstract. The sustainable solution abstract is designed for sustainable solutions with potential for commercialisation. The research abstract is designed for research behind sustainable solutions. The research abstract can relate to theory, experiments, analysis, etc. Both types of research abstracts will be presented in different conference sessions and separated on conference Proceedings. The authors contributing a research abstract may also contribute one associated sustainable solution abstract within the same fee (participation in-person (all days)).

Publications

(1) Abstracts in digital Proceedings

All abstracts of conference participants will be published on 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.

Editor of Proceedings: Budzianowski W.M.

(2) Articles in journals

Full articles associated with contributions presented at the SSG 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. Editors associated with SSG will invite selected manuscripts to journals. Authors will make decisions regarding selection of a journal suitable 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 or invite/accept regular submissions for selected SSG full papers. The publication process will be supported by conference editors and reviewers.

Journals will include e.g.:

- Journal of Sustainable Solutions and Innovation Management (new journal associated with SSG conference topics),
- Journal of Power Technologies (Web of Science indexed, unofficial impact factor 1.1),
- Journal of Renewable Energy Sources - Technology, Business and Policy (new journal associated with RESRB conference topics),
- Energies (impact factor 2.262, Special Issue "Production and Utilization of Biogas", Guest Editor Wojciech Budzianowski;
http://www.mdpi.com/journal/energies/special_issues/Production_and_Utilization_of_Biogas), etc.

Other leading thematic journals will be continuously involved.

(3) Chapters in edited books

Full articles associated with contributions presented at the SSG conference will be facilitated for publication in **edited books**. Conference reviewers will advise authors on how to improve the manuscripts. Book Editors will invite selected 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.

(4) Book

In case a full material associated with the contribution presented at the SSG conference can be extended to a book size (40-300 standard pages) it may be facilitated for publication as a **book** (a monograph). Conference reviewers and the professional book editorial team at Wojciech Budzianowski Consulting Services will assist authors in meeting standards and market requirements for book publication. Authors interested to publish their extended material in a book format need to first contact wojciech1@budzianowski.eu to discuss publication process details, costs and potential benefits for the parties. In general books can be published in a standard model or in open access model by large book publishers or by Wojciech Budzianowski Consulting Services with ISBN. Book authors usually will be offered a contract and depending on the scope of the work required for book publication and publication model it may include a remuneration for book authors. Review procedure for books: independent reviewers are involved in the entire publication process.

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 1st Sustainable Solutions for Growth (SSG) conference held on 17-18 September 2018 in Wrocław (Poland).

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

Business participation at SSG

Business participants may sponsor or exhibit at SSG and additionally:

- evaluate most promising sustainable solutions presented at SSG as investment opportunities,
- 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 SSG will provide relevant opportunities. Start-ups and other knowledge and innovation driven enterprises are particularly welcome at SSG.

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 Executive Organiser at email: wojciech1@budzianowski.eu; or tel.: +48 792781784.

Important dates

| | |
|--|------------------------------|
| Abstract due (extended) | June 30, 2018 |
| Abstract acceptance decision | up to 7 days |
| Fee payment (extended) | July 5, 2018 |
| Early bird fee payment | February 28, 2018 |
| Digital conference draft Proceedings available | September 17, 2018 |
| Conference | September 17-18, 2018 |
| Full manuscript due | December 31, 2018 |
| Internal review outcomes sent to authors | March 31, 2019 |
| Final article submission | May 31, 2019 |

Conference fees

| | |
|---|-----------------|
| Participation in-person (all days) | €290 |
| Participation in-person (PhD/MSc student) (all days) | €250 |
| Participation in-person (early bird payment by February 28, 2018) (all days) | €250 |
| Participation in-person (PhD/MSc student) (early bird payment by February 28, 2018) (all days) | €220 |
| Participation in-person (1 day) | €220 |
| Participation in-person with presentation and without article | €220 |
| Accompanying person | €180 |
| Virtual participation | €120 |
| Additional submission #2, #3, etc. | €70 |

For payments in USD and PLN use the following exchange rates 1 EUR = 1.17 USD = 4.31 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 SSG, Lastname Firstname.

Please send the payment confirmation to wojciech1@budzianowski.eu

For other payment modes, e.g. in cash - please contact wojciech1@budzianowski.eu

Cancellation policy

If you find it necessary to cancel your participation, exhibition or sponsorship, please inform the conference organiser immediately via email: 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

This conference facilitates participation of researchers from developing countries and/or temporarily without access to institutional funding under a special fee reduction programme. Download details of this programme from the section for Reviewers in the conference website.

Registration

Register online at <http://ssg.budzianowski.eu> or send your registration file to wojciech1@budzianowski.eu. In case any registration detail change, please re-register, so your registration will be updated.

Participant's steps in brief

- 1) Submit your **abstract** to wojciech1@budzianowski.eu (use abstract template from the website)
- 2) Register at SSG 2018 - either register online at <http://ssg.budzianowski.eu> or send your **registration file** to wojciech1@budzianowski.eu
- 3) Participants requiring **an acceptance letter** or any other confirmations need to request them from wojciech1@budzianowski.eu
- 4) **Pay your fee** indicated during the registration, make sure you meet the deadline for fee payment/early bird fee payment indicated in Important dates in Call for Abstracts
- 5) In-person participants requiring a visa need to contact the organisers for a **visa letter** at wojciech1@budzianowski.eu
- 6) 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
- 7) If you are a virtual participant please submit your **slides** or **video** to wojciech1@budzianowski.eu (at least one month prior to the conference)
- 8) Submit your **full manuscript** to wojciech1@budzianowski.eu
- 9) Upon receiving internal reviewers' comments **revise** your full manuscript accordingly
- 10) Submit your **revised full manuscript** for publication to suitable journals, edited books or as a book

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.

Venue

Wrocław, Poland

Logistics

The Wrocław airport has connections with several major European and international airports. From the airport you may reach the city centre by city buses (bus number 106, 206) and taxi. By train you need to travel to Wrocław Main Railway Station (Dworzec Główny PKP) which is in the city centre. Timetable of city buses and tramways is available on-line: <http://www.wroclaw.pl/rozklady-jazdy>

Accommodation

Accommodation is booked by participants. Hotels which can be considered include Orbita, Boutique, Park Hotel Diament Wrocław, Art Hotel Wrocław and Dwór Polski. Other hotels are Hotel Mercure Wrocław Centrum, B&B Hotel Wrocław Centrum or Lothus Hotel Wrocław. There are also hostels available such as Boutique Hostel Trio and Ibis Budget Wrocław Stadion. Other hostels Wratislavia, Stop, Villa A8, Platinum Centrum, Corner, Royal and Bemma. Hotel booking can be arranged by hotel's website or services such as HRS (<http://pl.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 at Hotel ... (please contact wojciech1@budzianowski.eu for details).

Programme

| Monday 17 September 2018 | |
|--------------------------|---|
| 08.45-09.00 | 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 | Keynote lecture 1 (Room A) Alternative economies: reinvesting energy savings for the social good Kristin Hughes*, Mary Lou Arscott <small>*speaking author at Carnegie Mellon University, Pittsburgh, USA</small> |
| 10.20-10.50 | Keynote lecture 2 (Room B) Influence factors on sustainable development of organizations Lidija Stefanovska*, Kristina Krsteska <small>*speaking author at Business Academy Smilevski BAS Skopje, Skopje, R. Macedonia</small> |
| 10.20-10.50 | Keynote lecture 3 (Room C) |
| 10.50-11.20 | Keynote lecture 4 (Room A) Cobalt and Li-Titanates as battery material - manufacturing, sustainability and carbon footprints Yotamu Hara, Stephen Pariryentawa, Sergio S. Segado, Animesh Jha* <small>*speaking author at University of Leeds, Leeds, UK</small> |
| 10.50-11.20 | Keynote lecture 5 (Room B) Network of networks: how to cope with the advent of Smart Society Gregorio D'Agostino* <small>*speaking author at ENEA, Rome, Italy</small> |
| 10.50-11.20 | Keynote lecture 6 (Room C) |

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|----------------------------------|--|
| 11.20-12.30 | Lunch break (Restaurant) |
| 12.30-14.30 | Oral lecture session - sustainable solution 1 (Room A) |
| 12.30-14.30 | Oral lecture session - sustainable solution 2 (Room B) Social appliances for sustainable smart homes Bruno Apolloni |
| 14.30-15.00 | Coffee break (Hall) |
| 15.00-16.30 | Oral lecture session - research 1 (Room A) New investment opportunities of insurance companies on financial markets Anna Majtánová, Mária Bláhová Sustainable data center in smart cities: the role of sustainability-related metrics M. Chinnici, A.L. Kor, E. Rondeau, A. Grishina The analysis of hybrid systems foundations in the form of foundation heating piles for a wind turbine in the Silesian Botanical Garden in Mikołów Małgorzata Jastrzębska, Marian Łupieżowiec, Marcin Ćwirko, Bartosz Piotrowicz |
| 15.00-16.30 | Oral lecture session - research 2 (Room B) Sustainability and Circular Economy - textile valorisation with vegetal waste and by-products for development of Vegan Leather Augusta Marinho, José Morgado, Helena Vilaça, Sandra Ventura, João Abreu, Bruna Moura, Ana Portela, Helena Ribeiro, Regina Malgueiro, Vera Sá, Joana Trindade, Ana Silva, Ricardo Silva, Mário Silva, Pedro Magalhães, Luís Ribeiro Harvest Map - alternative sources of building materials Urszula Koźminska, Elżbieta Ryńska |
| 16.30-16.50 | ISC, SAB and EAB Meeting (Room A) |
| 16.50-17.00 | Editorial Board of Journal of Sustainable Solutions and Innovation Management meeting (Room A) |
| Tuesday 18 September 2018 | |
| 08.50-09.00 | Registration (Hall) |
| 09.00-09.45 | Plenary lecture 2 (Room A) |
| 09.45-10.10 | Coffee break (Hall) |
| 10.10-10.40 | Keynote lecture 7 (Room A) Diffusion of renewable energy sources across European markets Nora Grisáková, Štefan Majtán, Peter Štetka* <small>*speaking author at University of Economics in Bratislava, Bratislava, Slovakia</small> |
| 10.10-10.40 | Keynote lecture 8 (Room B) Theory of sustainable enterprise: a synthesis and multiple case study approach Periyasami Anbarasan, Sushil* <small>*speaking author at Indian Institute of Technology Delhi, New Delhi, India</small> |
| 10.40-11.10 | Keynote lecture 9 (Room A) Constraining a geological model for sustainable development of hydrogen gas from subsurface rocks Tom Jerzykiewicz*, Denis Briere <small>*speaking author at Geoclastica Consulting Ltd., Calgary, Alberta, Canada</small> |
| 10.40-11.10 | Keynote lecture 10 (Room B) Achieving stakeholder engagement for sustainability Guy Duczynski* <small>*speaking author at Charles Sturt University, Canberra, Australia</small> |
| 11.10-12.30 | Lunch break (Restaurant) |
| 12.30-14.00 | Oral lecture session - research 3 (Room A) Possibilities and problems of marketing performance evaluation in terms of marketing assets Dana Hrušovská Sustainable development of the cultural landscape of the Vistula river delta |

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| | <p>Klaudia Nowicka Innovation management using the SSG conference social model Wojciech Budzianowski</p> |
| 12.30-14.00 | <p>Oral lecture session - research 4 (Room B) The role and importance of nationally and internationally recognized food products in the development of the agri-food sector in Romania Paul Begea, Mihaela Begea, Alexandru Cîrîc, Elena Toma New therapeutic for autoimmune kidney disease: multimodal nanoconjugate Kira Astakhova, Lisa-Marie Jaunet Assessing sustainability dimensions of transportation as a critical infrastructure: Jordan as a case study Malak M. Shatnawi</p> |
| 14.00-14.30 | <p>Coffee break (Hall)</p> |
| 14.30-15.30 | <p>Short communication session - sustainable solution 1 (Room A) A robot caregiver for elderly alone at home Diego Liberati Inventdrone Ganesh Subramanian, Er Ranjith Samuel Could economic and environmental sustainability coexist? Role of tribal agricultural technology: case of India Ramya Ranjan Patel</p> |
| 14.30-15.30 | <p>Short communication session - research 2 (Room B) The efficiency of probabilistic optimization of transactions on financial market Oleh Lutsenko, Hanna Mykhalchuk Poverty reduction and sustainability - role of Agricultural Value Chain in organic products: case of tribal regions in India Ramya Ranjan Patel Asia and decarbonisation: role of demand for renewable energy Jan-Erik Lane</p> |
| 15.30-16.00 | <p>Panel discussion: ISC, EAB, SAB and Stakeholders in innovation management of Sustainable solutions presented at SSG (Room A)</p> |
| 16.00-16.55 | <p>Panel discussion: Sustainable solutions presented at SSG 2018 as investment opportunities (Room A)</p> |
| 16.55-17.00 | <p>Closing session (Room A) - Award ceremony (1) Best conference research presentation (2) Best conference research presentation by student (3) Best conference sustainable solution presentation</p> |

Conference language

English

Future editions of SSG conference

Please contact conference founder at wojciech1@budzianowski.eu if you are interested to co-organise the 2nd SSG 2019 conference or the 3rd SSG 2020 conference in your country.

Contact details

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