

**Practising What You Teach and Preach
Working for a Sustainable University Is a Verb**

Van Den Dobbелsteen, A.; Van Gameren, D.; Roeling, M.; Van Mourik, T.

Publication date
2023

Document Version
Final published version

Published in
18th Conference on Sustainable Development of Energy, Water and Environment Systems

Citation (APA)

Van Den Dobbелsteen, A., Van Gameren, D., Roeling, M., & Van Mourik, T. (2023). Practising What You Teach and Preach: Working for a Sustainable University Is a Verb. In M. Ban, N. Duić, D. R. Schneider, D. Astiaso Garcia, G. Barone, S. Boldyryev, A. Buonomano, F. Calise, P. Colbertaindo, & More Editors (Eds.), *18th Conference on Sustainable Development of Energy, Water and Environment Systems: Book of Abstracts* (pp. 85). Article 806 (Digital Proceedings). University of Zagreb.

Important note

To cite this publication, please use the final published version (if applicable).
Please check the document version above.

Copyright

Other than for strictly personal use, it is not permitted to download, forward or distribute the text or part of it, without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license such as Creative Commons.

Takedown policy

Please contact us and provide details if you believe this document breaches copyrights.
We will remove access to the work immediately and investigate your claim.

**18TH CONFERENCE ON
SUSTAINABLE DEVELOPMENT
OF ENERGY, WATER AND
ENVIRONMENT SYSTEMS**



**SEPTEMBER 24-29, 2023
DUBROVNIK, CROATIA**

BOOK OF ABSTRACTS

Edited by:

Marko Ban, Neven Duić, Daniel Rolph Schneider, Davide Astiaso Garcia, Giovanni Barone, Stanislav Boldyryev, Annamaria Buonomano, Francesco Calise, Paolo Colbertaldo, Neven Duić, Yee Van Fan, Cesare Forzano, Marta Gandiglio, Tomás Gómez-Navarro, Daniele Groppi, Małgorzata Kacprzak, Soteris Kalogirou, Damian Kasperczyk, Goran Krajačić, Flavio Manenti, Luis Javier Miguel González, Hrvoje Mikulčić, Carla Montagud Montalvá, Benedetto Nastasi, Adolfo Palombo, Nikola Rajaković, Alessandro Romagnoli, Tine Seljak, Alessio Tafone, Marian Trafczynski, Laura Vanoli, Petar Sabev Varbanov, Constantinos Vassiliades, Maria Vicidomini, Milan Vujanović

Local Organizing Committee

Prof. Neven Duić, University of Zagreb, CHAIR
Prof. Goran Krajačić, University of Zagreb, CO-CHAIR

Prof. Zvonimir Guzović, University of Zagreb,
Conference secretary

Dr. Marko Ban, SDEWES Centre

Ms. Ana-Marija Ljubanović, SDEWES Centre

Ms. Andreja Biskup Lazanin, SDEWES Centre

Dr. Tomislav Pukšec, University of Zagreb

Ms. Doris Beljan, University of Zagreb

Dr. Tibor Bešenić, University of Zagreb

Mr. Francisco Flores, Pontificia Universidad
Católica de Valparaíso

Mr. Luka Herc, University of Zagreb

Mr. Filip Jurić, University of Zagreb

Ms. Ana Kodba, University of Zagreb

Mr. Marijan Marković, University of Zagreb

Mr. Josip Miškić, University of Zagreb

Ms. Zvezdana Nađ Dujmović, SDEWES
Centre

Mr. Antun Pfeifer, University of Zagreb

Mr. Goran Stunjek, University of Zagreb

Publisher Faculty of Mechanical Engineering and Naval Architecture, Zagreb

ISSN – 2706-3690 (digital proceedings)

Editors

Marko Ban

Neven Duić

Daniel Rolph Schneider

Davide Astiaso Garcia

Giovanni Barone

Stanislav Boldyryev

Annamaria Buonomano

Francesco Calise

Paolo Colbertaldo

Neven Duić

Yee Van Fan

Cesare Forzano

Marta Gandiglio

Tomás Gómez-Navarro

Daniele Groppi

Małgorzata Kacprzak

Soteris Kalogirou

Damian Kasperczyk

Goran Krajačić

Flavio Manenti

Luis Javier Miguel González

Hrvoje Mikulčić

Carla Montagud Montalvá

Benedetto Nastasi

Adolfo Palombo

Nikola Rajakovic

Alessandro Romagnoli

Tine Seljak

Alessio Tafone

Marian Trafczynski

Laura Vanoli

Petar Sabev Varbanov

Constantinos Vassiliades

Maria Vicidomini

Milan Vujanović

Technical Editors Aleksandra Mudrovčić, Marko Ban

SDEWES2023.0806

Practising What You Teach and Preach - Working for a Sustainable University Is a Verb

A. Van Den Dobbelsteen*¹, D. Van Gameren², M. Roeling², T. Van Mourik¹

¹Delft University of Technology, Netherlands; ²TU Delft, Netherlands
(*A.A.J.F.vandenDobbelsteen@tudelft.nl)

Abstract

Universities and other institutes of higher education can be at the forefront of sustainable development and climate action. As organisations that develop knowledge, conduct research, and valorise their experience, universities are capable of testing and investigating new approaches, models, strategies, technology... The process thereof can be monitored, evaluated and corrected or enhanced when needed. Therefore, universities can be safe places for the roll-out of climate action and sustainability measures, paving the way for other organisations and cities to reach their climate goals.

TU Delft adopted its Vision, Ambition and Action Plan as the basis of all sustainable transitions on the campus. Aiming at five sustainability goals – becoming carbon neutral, climate adaptive and circular by 2030, contributing to quality of life, and demonstrating sustainable innovations on campus – an all-encompassing plan was drawn up to set in motion serious changes. The four main elements addressed in this paper are: Education for Sustainability, Campus as a Living Lab, Sustainable Operations, and Community Engagement. This paper will discuss the steps taken by TU Delft to become a climate university and exemplar for other organisations and institutions.