

Director's report, Stockholm University Center for Sustainable and Circular systems, December 2021

Stockholm University Center for Sustainable and Circular Systems, SUCCeSS is a center for interdisciplinary research in sustainable and circular systems. The scope of the center activities is depicted in the figure in appendix 1 and also explained below.

Organization

The Executive Board

The Executive Board consists of

- **Aji P Mathew**, Director, Professor in Materials Chemistry at Stockholm University (SU). Research focus on sustainable and biobased functional materials processing, characterisation and applications.
- **Anna Sobek**, Deputy Director, Professor in Environmental Chemistry at SU. Research focus on environmental fate and risk of synthetic chemicals.
- **Charlotte Boegård**, Admin/Comms, MSc Analytical Chemistry, background in sales, international coordination and environmental comms in the pharma industry.

The Steering Board

The steering board consists of

- **Berit Olofsson**, Chair, Dean of Chemistry and Professor of Organic Chemistry at SU. Research focus on sustainable organic synthesis using hypervalent iodine chemistry.
- **Line Gordon**, Vice Chair, Curt Bergfors Professor in Sustainability Science, Director Stockholm Resilience Centre at SU. Research focus on the sustainability and resilience of the biosphere through food and water.
- **Andreas Duit**, Professor of Political Science at SU. Research focus on environmental politics and policy.

Stockholm University Center for Sustainable and Circular Systems



- **Jonathan Martin**, Professor of Environmental Analytical Chemistry at SU, SciLifeLab Faculty and Director of National Facility for Exposomics. Research focus on nontarget mass spectrometry for studies of the exposome.
- **Lennart Bergström**, Professor of Materials Chemistry at SU. Research focus on materials chemistry directed towards applied surface and colloid science related to sustainable materials.
- **Magnus Boman**, owner and executive director at [Goodpoint](#), a consulting firm focused on sustainability.
- **Regina Lindborg**, professor of Geography, especially Natural Resource Management at SU. Research focus on sustainable agricultural, including ecosystem services and biodiversity conservation.

Senior Advisory Board

During fall 2021, two senior advisory members were appointed:

- [Paul Anastas, Father of Green Chemistry, Yale University, USA.](#)
- [Dr. Tanja Zimmermann, EMPA, Switzerland](#)

In addition, Johan Kuylenstierna, [senior advisor to the SU president in sustainable development](#) and adjunct professor in international water resources issues at the Department of Physical Geography and Quaternary Sciences at SU, has accepted an informal role as an Advisor to SUCCeSS.

These international experts are supporting the center through active discussions, providing seminars and teaching on master level courses.

Mission/ Vision

During 2021 SUCCeSS executive board and steering board worked together to define the mission and vision statements for SUCCeSS:

Vision

Establish SUCCeSS as a leader in the research on circular and sustainable systems at the national and international level, driving the transformation into a sustainable society.



Mission

- To establish a stimulating and leading environment for transdisciplinary and transformative research in the field of circular and sustainable systems
- Identify and address needs for circular and sustainable systems in collaboration with policy makers, industries and civil society
- To promote interdisciplinary training in the field of circular and sustainable systems

Research Focus Areas

SUCCeSS executive board and steering board worked together to define the research focus areas. This was based on a SWOT analysis done by the Director and Deputy director to identify the strong research areas with in Stockholm university that will form the core of SUCCeSS community. The identified research focus areas are

- Circular processing
- Sustainable food and water systems
- Data riven circular and sustainable design

Website

The SUCCeSS website was published August 2021.

<https://www.su.se/stockholm-university-center-for-circular-and-sustainable-systems/>

The website acts as a powerful tool for communicating the SUCCeSS vision and mission ad also communicate ongoing research and activities related to sustainable and circular systems.



SUCCeSS Activities

The ongoing activities at SUCCeSS are designed to

- establish the center as interdisciplinary and interactive environment for promoting sustainable and circular systems.
- to identify collaborations with industries, policymakers and civil society.

Sept 10 Prof Anna Sobek presented SUCCeSS in a speed talk event organized by Stockholm Environment Institute and Stockholm University

Nov 15 SUCCeSS core team met with representatives of Stockholm City to discuss collaboration in the field of sustainable and circular chemical use

Nov 22 Webinar “Towards NetZero Materials & Technology Developments @ Empa in Switzerland” by Dr Tanja Zimmermann, EMPA, Switzerland.

Nov 23 Prof Aji Mathew presented SUCCeSS in Mistra Safechem Annual Conference

Nov 29 Speed talk event. Networking among Stockholm University faculty members and researchers, in order to identify and build new collaborations

Dec 3 Webinar “Sustainable fashion and textiles” by Tiina Häyhä and Celinda Palm, SRC, SU and Pia Qvintus, Business Development Director, Spinnova

Postdoc positions

Postdoc positions to promote interdisciplinary research were planned, the call will be opened in early 2022.

