Green Solutions Centre
UCPH Green Solutions Centre (GSC) aims to develop interdisciplinary solutions to obtain societal and global green goals.

The centre was established in 2021 with a genuine desire to collaborate on research-based green solutions across the faculties of the University of Copenhagen.

GSC Steering Committee

David Dreyer Lassen
Prorector for Research, UCPH

Katrine Krogh Andersen
Dean, Faculty of Science

Kirsten Busch Nielsen
Dean, Faculty of Humanities

GSC Contacts

Solveig Krogh Christiansen
GSC coordinator
soc@plen.ku.dk

Mette Appel Skjolden
Special Consultant
metteappel@plen.ku.dk

GSC's thematic solutions

The thematic solutions focus on accelerating the green transition with cross-disciplinary research themes that have the potential to provide green solutions. The thematic solutions are:

• AI and Green Transition (Artificial Intelligence)
• A more plant-based, nutritious and consumer accepted food system
• Biosolutions
• Carbon Capture, Utilization and Storage (CCUS)
• Degrowth
• Effective Biodiversity conservation
• Fighting Food Waste
• Forestry solutions to climate change
• Health responsible green transition
• Landscape planning and multifunctionality
• Sustainable food systems in the Global South
• Sustainable animal production
• The governance of green transition
• Towards sustainable drug discovery, development and manufacturing
• Urban solutions to green transitions

Find GSC on:
LinkedIn Webpage
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Department/Institute</th>
<th>Research field and interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frida Hastrup</td>
<td>Associate professor</td>
<td>The Saxo Institute, Faculty of Humanities</td>
<td>Anthropology, cultural history, sustainable animal production, dairy production, agriculture</td>
</tr>
<tr>
<td>Jan Rossmeisl</td>
<td>Professor, Centre Leader</td>
<td>Center for High Entropy Alloy Catalysis, Department of Chemistry, Faculty of Science</td>
<td>Carbon utilization, Catalysis, Power to X, electrolysis, electrocatalysis, heterogeneous catalysis, ab initio simulations, theoretical catalysis.</td>
</tr>
<tr>
<td>Peter Karlskov-Mortensen</td>
<td>DVM, PhD, Associate Professor</td>
<td>Department of Veterinary and Animal Sciences, Section of Animal Welfare and Disease Control, Faculty of Health and Medical Sciences</td>
<td>Animal Genetics &amp; Breeding / Sustainable Animal Production. Animals in the circularity of ecosystems and food systems</td>
</tr>
<tr>
<td>Hans Skov-Petersen</td>
<td>Professor of Geoinformatics</td>
<td>Department of Geosciences and Natural Resource Management, Faculty of Science</td>
<td>Geoinformatics, geo-data, Remote Sensing, Computer Aided Design (CAD). Human movement and mobility, Recreation, SMART Cities, Cartographic communication, Geodesign.</td>
</tr>
<tr>
<td>Joanna Lam</td>
<td>Professor wsr, Head of the Study Hub for International Economic Law and Development (SHIELD)</td>
<td>Faculty of Law</td>
<td>International investment law, international commercial and investment arbitration, Special Economic Zones, regulation of investments in the energy sector</td>
</tr>
<tr>
<td>Sune Darkner</td>
<td>Associate Professor</td>
<td>Department of Computer Science, Faculty of Science</td>
<td>Digital twins and population with in AgroEco-Systems and Health related application such as biomechanics and hemp dynamics. From a methodological perspective I combine geometry, densitety estimation and artificial intelligence with simulation and population statistics.</td>
</tr>
<tr>
<td>Henriette Langstrup</td>
<td>Associate Professor, Head of Studies in Health Informatics</td>
<td>Section for Health Services Research, Department of Public Health, Faculty of Health and Medical Sciences</td>
<td>Digital Health, Sociotechnical aspects of digitization, Sustainability in healthcare</td>
</tr>
<tr>
<td>Mahesha M. Poojary</td>
<td>Associate Professor</td>
<td>Department of Food Science, Faculty of Science</td>
<td>Food Chemistry; Food Processing; Alternative Food Proteins (Microalgae and Seaweeds); Protein Modification Chemistry; Food Waste and Byproduct Valorisation; Analytical Chemistry (GC, LC, &amp; MS).</td>
</tr>
<tr>
<td>Svend Christensen</td>
<td>Professor, Head of Department</td>
<td>Department of Plant and Environmental Sciences, Faculty of Science</td>
<td>Advancing the scientific basis for a paradigm shift toward nature-positive agricultural solutions to climate, biodiversity, soil health and food production by combining technologies, data science and agroecology</td>
</tr>
</tbody>
</table>