

Agenda For Danish Mission To Brazil 11-16 November 2024

This delegation is financed by the Danish Energy Agency, through the project "Pathways to Resource Efficiency in Santa Cruz Industries (PRESI)", an International collaboration on industrial symbiosis

Monday – November 11th

9:00am – 12:00pm	<p>Welcome event by State Secretariat for Economic Development, Industry, Trade and Services (SEDEICS) and the State Secretariat for the Environment and Sustainability (SEAS)</p> <p>The welcome event will host not only representatives from AEDIN, the industrial hub of Santa Cruz where the Kalundborg Symbiosis (KS) collaboration is occurring, but also representatives from other municipalities within the state of Rio with industrial hubs. The goal is to present the project to other municipalities, raising awareness of the socio-economic and environmental benefits of transitioning towards industrial symbiosis. This event will provide an opportunity to discuss with KS experts, as well as international companies and research institutions, practical solutions for water, waste, and energy management within municipal industries.</p>
2:00pm – 6:30pm	<p>Official Open Event Agenda: Opportunities for International Collaboration</p> <p>Objective: To foster international collaboration by showcasing successful cross-border partnerships and exploring opportunities for scaling sustainable solutions in Brazil, while also providing practical insights into doing business in Brazil and Rio de Janeiro.</p> <p><i>Representatives from embassies, APEX Brasil, and other organizations will be available to discuss potential support and collaboration opportunities.</i></p>

Tuesday – November 12th

9:00am – 12:00pm	<p>Developing Academic Programs for Industrial Symbiosis graduates</p> <p>As global industries pivot towards sustainable practices, the significance of industrial symbiosis – where waste from one process becomes the input for another, reducing waste and saving resources – has become increasingly apparent. In Denmark, Absalon University has pioneered graduate programs with a focus on industrial symbiosis in collaboration with Kalundborg Symbiosis, and DTU is starting to do the same. Similarly, in Brazil, AEDIN, the industrial hub of Santa Cruz, Rio de Janeiro, is looking into doing the same in collaboration with the Industrial Environment Committee established by the State University of Rio de Janeiro (UERJ), along with the Federal University of Rio de Janeiro (UFRJ), the Rural Federal University of Rio de Janeiro (UFRRJ), and the Federal Fluminense University (UFF). The goal is to integrate industrial symbiosis into academic and practical frameworks. In Brazil, this effort is conducted with the support of the State Secretariats of Environment, and Economic Development.</p>
2:00pm – 4:00pm	<p>Academia Reception</p> <p>Informal networking between International and Brazilian universities, with the aim of identifying potential collaborations in different environmental fields. This event will bring together representatives from both academic sectors to discuss mutual research interests and explore opportunities for joint projects. Presentations will highlight current research initiatives and available funding opportunities (UFS, Water4All etc), fostering a collaborative environment.</p> <p>Thematics within water: Ballast Water Management; Monitoring Systems in groundwater, surface water, and ports; Microplastics and nanoplastics detection in marine, freshwater, and drinking water; Marine Protection; Water Treatment and Quality; Environmental Research and Policy; Plastic Pollution; Sanitation; Citizen Involvement.</p> <p>Thematics within industrial symbiosis: energy, water, waste, links with academia, governance. Other thematics: CCUS, circular economy, and sustainable tourism, academia-business collaboration.</p>

Wednesday – November 13th

9:00am–6:30pm	<p>Technical visit to AEDIN – Association of Companies in the Santa Cruz Industrial District</p> <p>Relevant companies and researchers will conduct a technical visit to AEDIN – the Association of Companies in the Santa Cruz Industrial District. This visit aims to provide hands-on consultancy and explore practical implementations of sustainable solutions for water, waste, and energy management. The collaboration will focus on leveraging international expertise to enhance industrial symbiosis and drive innovation within the Santa Cruz industrial hub.</p>
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Thursday – November 14th – G20 Social

9:00am–12:00pm	<p>Opening of G20 Social</p> <p>Opening ceremony of G20 Social by Federal Government of Brazil</p>
2:00pm – 4:00pm	<p>Industrial Symbiosis Working Group (parallel with Agenda Rio 2030)</p> <p>The Industrial Symbiosis Working Group, set up under the Joint Resolution on the Circular Economy between the State Secretariat for Economic Development, Industry, Trade and Services (SEDEICS), the State Secretariat for the Environment and Sustainability (SEAS) and the State Institute of the Environment (INEA), brings together state administration entities and renowned institutions working on the topic, such as FIRJAN. Its aim is to support the implementation of industrial symbiosis in the state of Rio de Janeiro, with a focus on addressing regulatory and licensing challenges.</p> <p><i>The event will take place at G20 Social. Coffee break will be provided during the event.</i></p>

Friday – November 15th – G20 Social

9:00am–12:00pm	<p>Matchmaking Sessions – Brazilian and International strategic stakeholders at G20 Social</p>
2:00pm – 4pm	<p>G20 Social</p> <p>Delegation members will have freedom to visit and explore G20 Social activities, and be present at Greennova Hub's booth.</p>
6:00pm–10:00pm	<p>Official Closing Event – The Nordics Meet Brazil</p> <p>Closing the week with a cocktail reception followed by dinner, this event will highlight the delegation's visit, showcasing identified collaboration topics and potential new opportunities between the two regions. Distinguished guests will include the Nordic Ambassadors, the Mayor of Copenhagen, other Nordic cities' representatives in Rio at the time, and representatives from IFU (Investment Fund for Developing Countries). From the Brazilian side, attendees will include the Governor of Rio de Janeiro, the Secretary of Tourism of the city of Rio de Janeiro, and APEX Brasil. This event aims to celebrate the strengthened partnership, foster further networking, and set the stage for future cooperative ventures.</p>

Saturday – November 16th – G20 Social

	Delegation to build water network	Delegation within Industrial project
9:00am–6:00pm	<p>G20 Social</p> <p>Delegation members will have freedom to visit and explore G20 Social activities, and be present at Greennova Hub's booth.</p>	