



2022 MIT Startup Showcase Silicon Valley: Sustainability

June 22, 2022 9:00 am - 4:00 pm

8:00 AM	Registration with Light Breakfast
9:00 AM	<p>Welcome and Introduction</p> <p>Todd Glickman Senior Director, MIT Corporate Relations MIT Corporate Relations</p> <p>Marcus Dahlöf Program Director, MIT Startup Exchange</p>
9:10 AM	<p>Industry Keynote: "Saving Our Planet With You." A Challenge by a Cellular Operator and 80 Million Subscribers</p> <p>Takashi Hara President & CEO, DOCOMO Innovations, and Senior Managing Director NTT DOCOMO Ventures</p> <p>The NTT Group alone uses 1% of Japan's electricity and approximately 1/4 of Tokyo's electricity in its own operations. In September 2021, its commitment to reduce the greenhouse gas emissions arising from its business activities effectively to zero by 2030. In order to help society as a whole achieve carbon neutrality, DOCOMO will roll out a new ecosystem called "Caboneu (TM)" in conjunction with its partners and customers, under the slogan "Saving Our Planet With You."</p>
9:40 AM	<p>Resiliency and Sustainability at MIT: The MIT Climate and Sustainability Consortium</p> <p>Elsa Olivetti Esther and Harold E. Edgerton Associate Professor, Materials Science and Engineering</p>

10:10 AM

Startup Lightning Talks, Part 1
Ariadna Rodenstein

Program Manager, [MIT Startup Exchange](#)



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Ariadna Rodenstein is a Program Manager at MIT Startup Exchange. She joined MIT Corporate Relations as an Events Leader in September 2019 and is responsible for designing and executing startup events, including content development, coaching and hosting, and logistics. Ms. Rodenstein works closely with the Industrial Liaison Program (ILP) in promoting collaboration and partnerships between MIT-connected startups and industry, as well as with other areas around the MIT innovation ecosystem and beyond.

Prior to working for MIT Corporate Relations, she worked for over a decade at Credit Suisse Group in New York and London, in a few different roles in event management and as Director of Client Strategy. Ms. Rodenstein has combined her experience in the private sector with work at non-profits as a Consultant and Development Director at New York Immigration Coalition, Immigrant Defense Project, and Americas Society/Council of the Americas. She also served as an Officer on the Board of Directors of the Riverside Clay Tennis Association in New York for several years. Additionally, she earned her B.A. in Political Science and Communications from New York University, with coursework at the Instituto Tecnológico y de Estudios Superiores de Monterrey in Mexico City, and her M.A. in Sociology from the City University of New York.



Aaron Baskerville-Bridges
Co-Founder & VP of Operations
[AeroShield](#)

Jack Baron
President and EVP
[Sweetwater Energy](#)

Megan O'Connor
Co-Founder and CEO
[Nth Cycle](#)

Nick Mannarino
Business Development Engineer
[Amogy](#)

10:40 AM

Networking Break

11:10 AM

Industry Keynote

Adam Langton
Energy Services Manager, Connected eMobility, BMW North America
[BMW North America](#)

Faculty Keynote : Climate Machines – Re-Industrialization for the Anthropocene
John Fernández

Professor, Architecture, Building Technology and Engineering Systems
Director, [MIT Environmental Solutions Initiative](#)



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Director, [MIT Environmental Solutions Initiative](#)

John E. Fernández is a professor of building technology in the Department of Architecture at MIT and a practicing architect. Fernández founded and directs the MIT Urban Metabolism Group, a highly multidisciplinary research group focused on the resource intensity of cities and design and technology pathways for future urbanization. He is author of two books, numerous articles in scientific and design journals including Science, the Journal of Industrial Ecology, Building and Environment, Energy Policy and others, and author of nine book chapters. He is Chair of Sustainable Urban Systems for the International Society of Industrial Ecology and Associate Editor of the journal Sustainable Cities and Society. Fernández served as Director of the Building Technology Program in the Department of Architecture from 2010 to 2015 and as the Director of the International Design Center at MIT from 2012 to 2015. He previously served as the Director of Research for Sustainable Energy Systems of the MIT Portugal Program.

Fernández is a member of the Board for New Ecology, Inc., and a member of the Board of Advisors for the Center for Sustainable Energy of the Fraunhofer Institute. At MIT, Fernández serves on the Committee on the Innovation Initiative, the Faculty Policy Committee, and the Institute Planning Committee, as well as the Campus Sustainability Task Force, the MIT Materials and Waste Management Working Group, and the Metropolitan Warehouse Advisory Group. Fernández is Housemaster for MIT's Baker House.

Fernández has served on several National Science Foundation Review Panels, as a member of the Department of Energy Roadmap 2020 Advisory Committee, and as a member of the Board of Directors of the Building Envelope Technology and Environmental Council of the National Institute of Building Science. He also served as a member of the Research Committee of the United States Green Building Council. Fernández has participated in the launch of two startup companies in the past 5 years. With his partner and wife, Malvina Lampietti, Fernández has been designer of more than 2.5 million square feet of new construction. As senior designer in two major New York City architecture firms Fernández led the design and construction of major commercial, institutional, and residential buildings in Washington D.C., New York City, Philadelphia, Los Angeles, Honolulu, Jakarta, Tokyo, Shanghai, and other locations.



12:10 PM

Startup Lightning Talks, Part 2

Ariadna Rodenstein

Events Leader, MIT Startup Exchange, [MIT Startup Exchange](#)



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Events Leader, MIT Startup Exchange

[MIT Startup Exchange](#)

Ariadna joined MIT Startup Exchange in a new role as Events Leader in September 2019. She has responsibility for the development and execution of events featuring startups, and for helping to promote collaboration and partnerships between MIT-connected startups and industry. She works closely with the Industrial Liaison Program (ILP), also within Corporate Relations, and with other areas around the MIT innovation ecosystem and beyond. Prior to this, Ariadna worked for over a decade at Credit Suisse Group in New York City and London in a few different roles in event management and later became a Director for client strategy. She has combined her experience in the private sector with work in non-profits as a Consultant and Development Director at the New York Immigration Coalition, Immigrant Defense Project and Americas Society/Council of the Americas. Ariadna also served on the Board of the Riverside Clay Tennis Association in NY for several years. She earned her B.A. in Political Science and Communications from New York University (NYU), also doing coursework at the Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM) in Mexico City, and her M.A. in Sociology from the City University of New York (CUNY).



Bernie Malouin

Founder & CEO

[Jetcool](#)

Patrick Teyssonneyre

Co-Founder & CEO

[Xinterra](#)

Francesco M. Benedetti

Co-Founder, Chief Executive Officer and Board Member

[Osmoses](#)

Andrés Bisonó León

Co-Founder & CEO

[SOS Carbon](#)

12:40 PM

Lunch with Startup Exhibit

1:50 PM

Industry Keynote

Adam Schafer

Director - Supply Chain Sustainability, Intel Corporation

[Intel Corporation](#)

2:20 PM

Corporate Innovator Talk

Dominic Barbato

Vice President, Strategy & Innovation

[Schneider Electric Sustainability Business](#)

The topic of sustainability has gained mainstream attention with billions of dollars globally being committed to decarbonization as well as other social and governance matters. As one of the world's most sustainable corporations, Schneider Electric is leading at the heart of this transition through a multi-faceted approach that includes pursuing its own Net-Zero commitments, accelerating the growth of its Sustainability Business to advise other organizations on their decarbonization journeys, and pursuing investments in early-stage opportunities through its corporate ventures group.

2:50 PM

Panel Discussion

Marcus Dahllöf

Program Director

[MIT Startup Exchange](#)

Dominic Barbato

Vice President, Strategy & Innovation

[Schneider Electric Sustainability Business](#)

Elsa Olivetti

Edgerton Associate Professor

[MIT DMSE](#)

Megan O'Connor

[Nth Cycle](#)

Joshua Posamentier

[Congruent Ventures](#)

3:30 PM

Local MIT Startups Rapid Fire Intros (Additional startups to be included)

[21Geo](#) – A New Paradigm for Mechanisms

[MosaicML](#) – Making ML Training Efficient

[LongWave Photonics](#) - Quantum cascade lasers for spectroscopy and imaging

[TrustPoint](#) - Resilient GPS for the automated and augmented world

[Yayu Robotics](#) – An environmentally sustainable and scalable robotics platform for mobility

[VoiceBrain](#) – Analytics platform that turns group voice communication into real-time actionable insights

[Zing Data](#) – Data at your fingertips for collaborative business intelligence

3:45 PM

Closing Remarks with Networking Reception