

BIOGRAPHICAL NOTES



Name: Anders Hammer Strømman	Country: Norway
Candidate for which position? Council Member	ISIE member since: 2001
PLEASE DESCRIBE WHAT YOU WOULD LIKE TO ACCOMPLISH DURING YOUR TERM, AND THE TIME YOU CAN DEDICATE TO THE POSITION (150 WORD LIMIT):	
<p>I believe there is an opportunity to even better position Industrial Ecology within the broader domain of research on environmental sustainability. My perspective is simply that in a fast moving and growing environmental research scene, any community benefits from having a well-established role and identity. I believe we can do even better in that regard and my ambition is to contribute to that. Our efforts to help position ISIE in the EU Circular Economy scene is one example of such activities.</p> <p>I also would like to see the ISIE, LCM, EcoBalance and UNEP/SETAC communities and initiatives to join forces more often. I remain pragmatic in terms of what may be feasible, but I believe there are upsides on many levels including opportunities for joint positioning in the global environmental research scene. I hope to be able to contribute to more dialogue and potentially collaboration between ISIE and our sister communities.</p>	
DESCRIBE YOUR CURRENT PROFESSIONAL AND/OR ACADEMIC ACTIVITIES (100 WORD LIMIT)	
<p>My research and teaching for the last 15+ years have been focused on the combination and integration of LCA and input-output based approaches for assessments of energy and transport systems, from individual technologies to macro level transformations. In the later years work on bioenergy and fuels have resulted in activities more towards climate science. Current portfolio span from environmental footprints and consumption to bioresources for fuel, chemicals, energy and their interaction with the climate, via e-mobility and batteries, to maritime transport and finally CCS and other energy technologies, including scenario modelling and assessment of these technologies.</p>	
LIST PREVIOUS PROFESSIONAL AND/OR ACADEMIC POSITIONS (100 WORD LIMIT)	
<p>2015 - Professor and Director NTNU Industrial Ecology 2010 – 2015 Professor NTNU Industrial Ecology 2006 – 2010 Associate Professor NTNU Industrial Ecology</p>	

2005 – 2006 Post doctoral researcher NTNU Industrial Ecology
2001 – 2005 PhD candidate NTNU Industrial Ecology

EDUCATION

PhD in Industrial Ecology NTNU 2005
MSc in Mechanical Engineering NTNU 1999

AWARDS/MERITS

ISIE Laudise Medal 2011 - 6th ISIE Conference Berkeley
ISIE Student Poster Award 2001 - Inaugural ISIE conference Leiden.

REPRESENTATIVE PUBLICATIONS

ELLINGSEN, L.A.-W., HUNG, C.R., MAJEAU-BETTEZ, G., SINGH, B., CHEN, Z., WHITTINGHAM, M.S., STRØMMAN, A.H. NANOTECHNOLOGY FOR ENVIRONMENTALLY SUSTAINABLE ELECTROMOBILITY (2016) NATURE NANOTECHNOLOGY, 11 (12), PP. 1039-1051.

MAJEAU-BETTEZ, G., WOOD, R., STRØMMAN, A.H.
UNIFIED THEORY OF ALLOCATIONS AND CONSTRUCTS IN LIFE CYCLE ASSESSMENT AND INPUT-OUTPUT ANALYSIS (2014) JOURNAL OF INDUSTRIAL ECOLOGY, 18 (5), PP. 747-770.

CHERUBINI, F., GASSER, T., BRIGHT, R.M., CIAIS, P., STRØMMAN, A.H.
LINEARITY BETWEEN TEMPERATURE PEAK AND BIOENERGY CO₂ EMISSION RATES (2014) NATURE CLIMATE CHANGE, 4 (11), PP. 983-987.

HAWKINS, T.R., SINGH, B., MAJEAU-BETTEZ, G., STRØMMAN, A.H.
COMPARATIVE ENVIRONMENTAL LIFE CYCLE ASSESSMENT OF CONVENTIONAL AND ELECTRIC VEHICLES (2013) JOURNAL OF INDUSTRIAL ECOLOGY, 17 (1), PP. 53-64.

HAMMER STRØMMAN, A., DUCHIN, F.
A WORLD TRADE MODEL WITH BILATERAL TRADE BASED ON COMPARATIVE ADVANTAGE (2006) ECONOMIC SYSTEMS RESEARCH, 18 (3), PP. 281-297.

PROFESSIONAL ASSOCIATIONS (I.E. BOARD MEMBERSHIPS, PROFESSIONAL SOCIETIES, ETC)

Scientific Advisory Committee – Eco-Balance Conference 2016 -
IPCC Contributing Author WGIII AR5 2012-2014
IEA Bioenergy Task 38 National team leader 2011-2015
ISIE Membership Committee 2010 -
ISIE Awards Committee 2012 –
Technical committee ISIE biannual conference in Lisbon - 2009
Board member of The Nordic Association for Life Cycle Assessment - 2006