

Information meeting: Indo-Sweden Matchmaking

MS MALIN PETERSEN, COUNTRY MANAGER INDIA





Indo-Swedish Joint Call on Circular Economy



Pioneer the possible.





Sub-themes – call on circular economy (1/2)

Challenges related to value chains, for example material flows such as electronic, textile, energy, recycling processes as well as mining wastes

Comparative studies and projects analysing the short- and long-term effects of circular initiatives

Life sciences and health

Marine litter

Sub-themes – call on circular economy (2/2)

Societal challenges for transition to a circular economy, for example policies, government, etcetera, as well as aspects relevant for the citizens

Business models for a circular economy

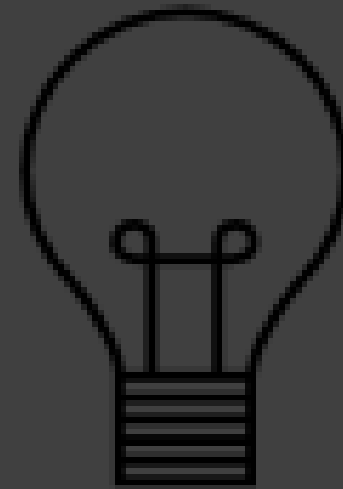
Welfare, including work-life

Circular economy and the citizens, for example behaviour, nudging, cultural and social values.



What?

- Indo-Swedish collaboration within Circular economy
- Contribute to increased sustainability
 - knowledge
 - products
 - services
 - processes
- Research and development
- 3-year long projects



Who?

SWEDISH AND INDIAN



- Companies
- Universities
- Colleges
- Institutes
- Test beds
- Other relevant actors

Funding

MAXIMUM SEK 6 MILLION PER PROJECT ON THE SWEDISH SIDE



- Swedish actors apply from Formas
 - Companies seeking funds are expected to co-finance their eligible costs by at least 50%
 - start-ups may receive up to 80%
 - Non-financial research organisations can receive up to 100%
 - Public sector and other non-financial activities can receive up to 80% funding of eligible costs
- Indian actors apply from DST, MoES, DBT or BIRAC



Time line

22nd of June at 14.00 CET closing of call
Swedish applicants

December projects can start

More Information

Indo-Swedish Joint Call for
Proposals within Circular
Economy - Formas



”

Join us in Co-Creation for Innovation!

WWW.LINKEDIN.COM/GROUPS/8982790/



Sweden India Innovation Initiative

Listed group



Start a post in this group

Photo

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Poll

All

Recommended

Highlight this post by pinning it at the top.

Pin this post



Malin Petersen

Programme Manager, International Collaboration at Sweden's Innovation Ag...

3d

Starting now, Sustainability Dialogues: Employee Engagement

Join to:

...see more



492 members

Including Fredrik Hörstedt and 204 other connections



Invite connections

See all

About this group

Sweden India Innovation Initiative gathers innovation actors within industry, academia and government for exchange of information, coordination and joint projects. It is based on Swedish and Indian interests and strength, as well as interests of the private sector. By ...

See all

Admins



Malin Petersen · You Owner

Programme Manager,
International Collaboration at
Sweden's Innovation Agency,
Vinnova



Pär Pihlqvist · 1st Owner

Communications Strategist
Innovation & Sustainable
Mobility



Cristian Jonsson

2nd Manager
Kommunikatör på Vinnova

Show more

Promoted

Thank you!



Vinnova.se



/Vinnova

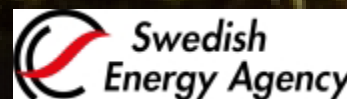


@Vinnovase



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Indo-Swedish Joint Call for Proposals within Circular Economy



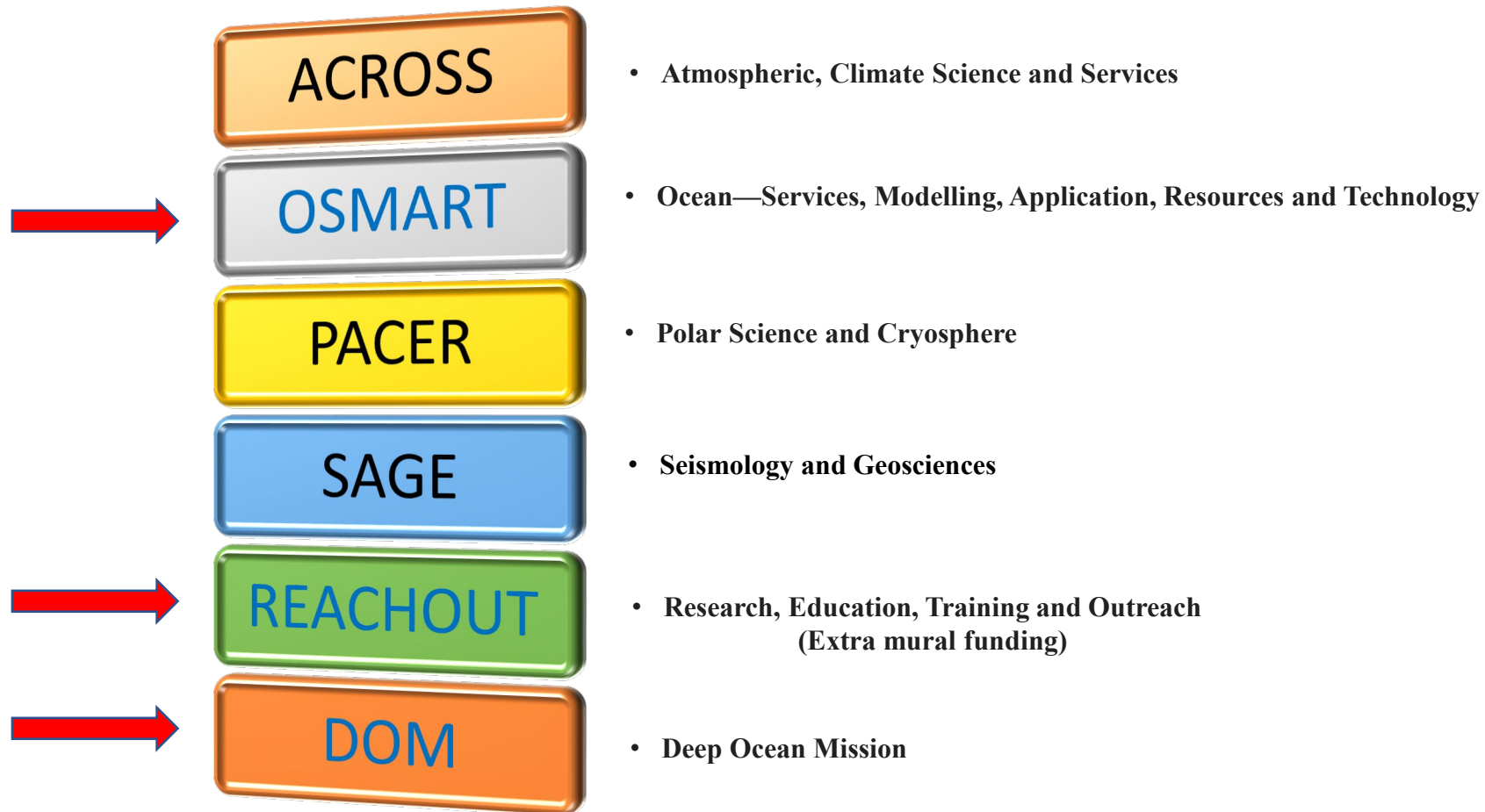
Ministry Of Earth Sciences

Our mandate to provide services

- For weather, climate, ocean and coastal state, hydrology, seismology, and natural hazards;
- to explore and harness marine living and non-living resources in a sustainable manner for the country and
- to explore the three poles of the Earth (Arctic, Antarctic and Himalayas).
- Formerly Department of Ocean Development (DOD) 1981.
- As Ministry of Ocean Development in 2006.
- July 2006, as MoES (with IMD, IITM and NCMRWF)



Programs



Marine Litter

- National Centre for Coastal Research (NCCR), Chennai- an attached office of MoES conducting research studies on Marine litter.
- the effect of various beach activities on marine litter and microplastics distribution
- Characterization & quantification of marine litter at selected beaches along the southeast coast of India.
- Micro-plastic studies in the coastal water and offshore sediment along the east coast of India to identify major plastic accumulation zones.
- Beach Clean up activities.

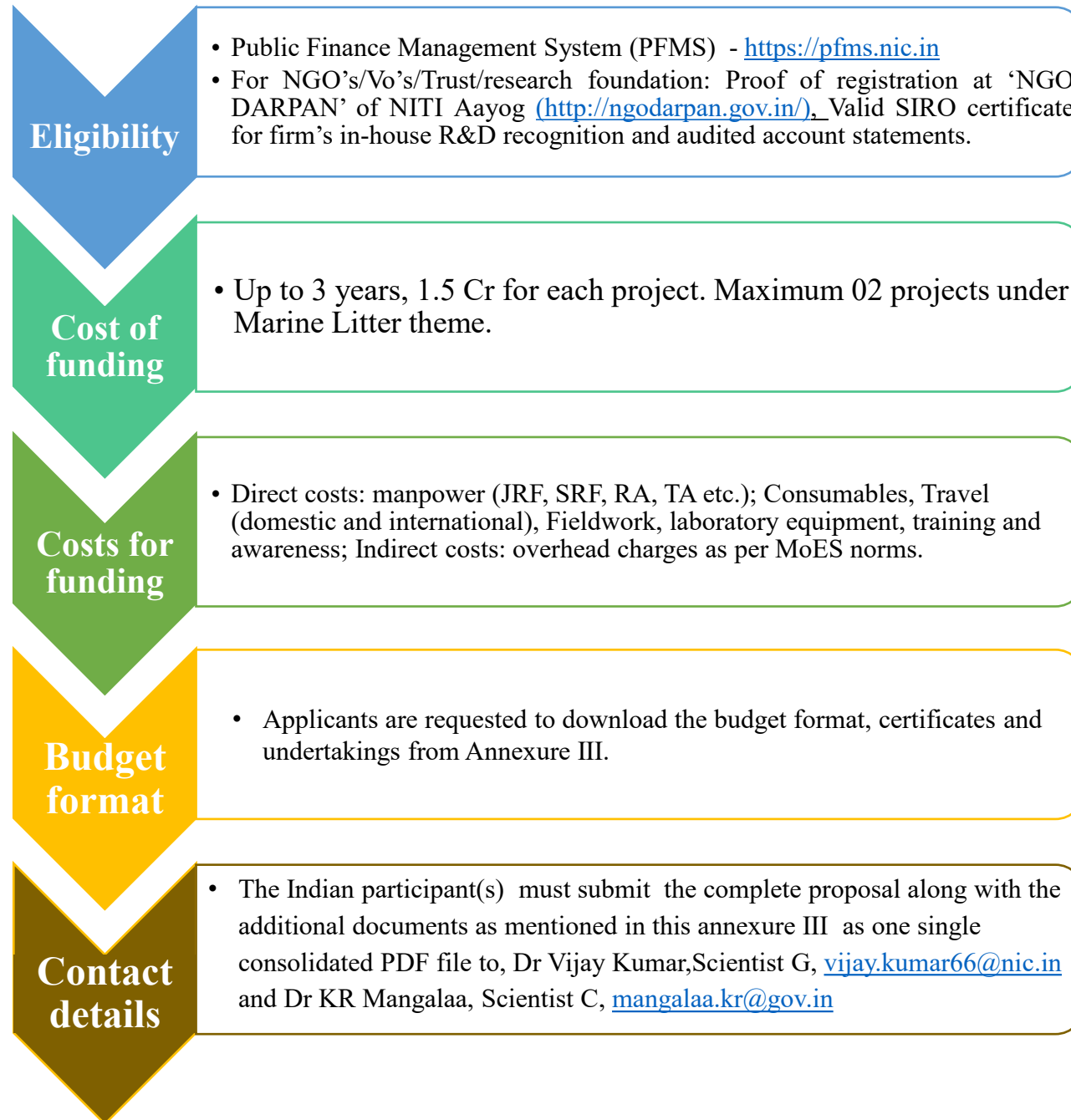
Indo-Swedish Joint Call for Proposals within Circular Economy:

Proposal submitting to MoES



<https://www.moes.gov.in/news-and-announcements>

Annexure III- MoES





Thank you.

Pitch Session

ORGANISATION, CONTACT DETAILS, IDEA, PARTNER 2-3 MINS

VINNOVA
Sweden's Innovation Agency



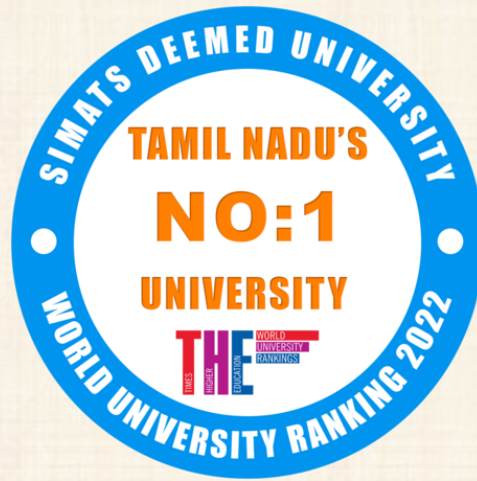
Agenda

1. IARI
2. Aic -Adt Baramati
3. Inst mohali
4. DRIIV Foundation (Delhi S&T cluster, initiative of Office of the PSA to GoI)
5. University of Jammu
6. Brunel University London
7. Traces&Dreams
8. SAVEETHA INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES.
9. Saveetha Dental College and Hospitals
10. EQUITRAX CORPORATE VENTURES PVT LTD
11. KPMG
12. Epiluv
13. Luleå University of Technology
14. Färgbygge Produktion Sverige AB.
15. Superkons
16. IIT Delhi
17. Ministry of Science & Technology
18. Ecrete Private Limited
19. IIT (ISM) Dhanbad



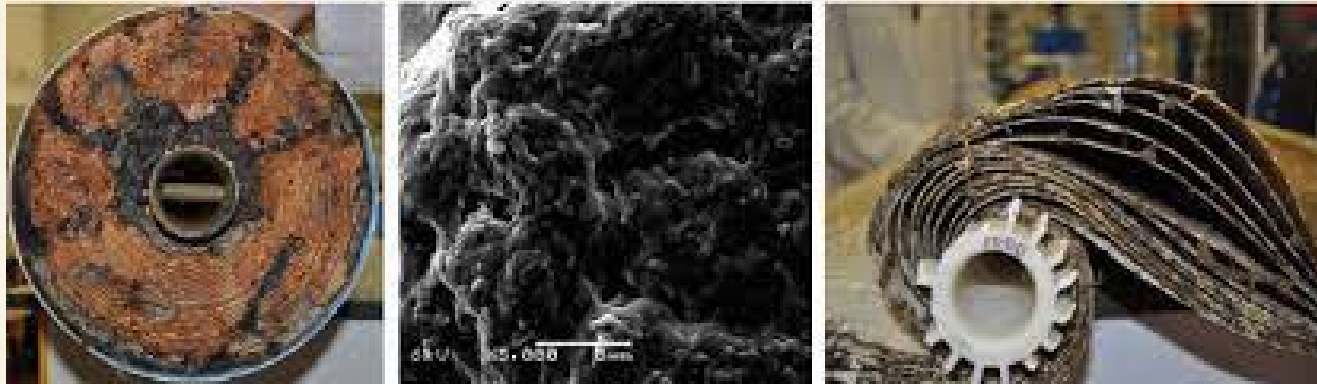
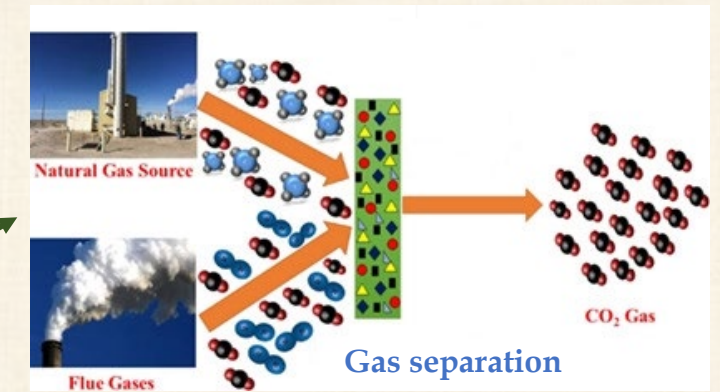
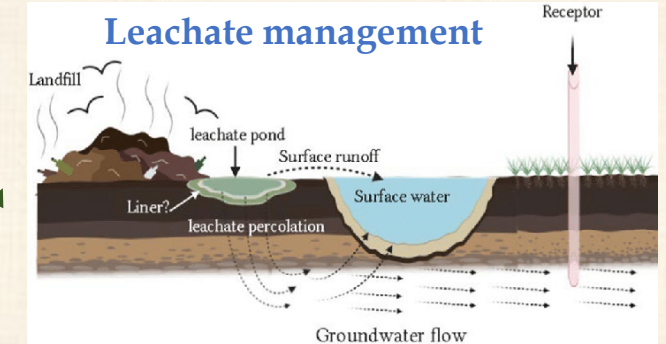
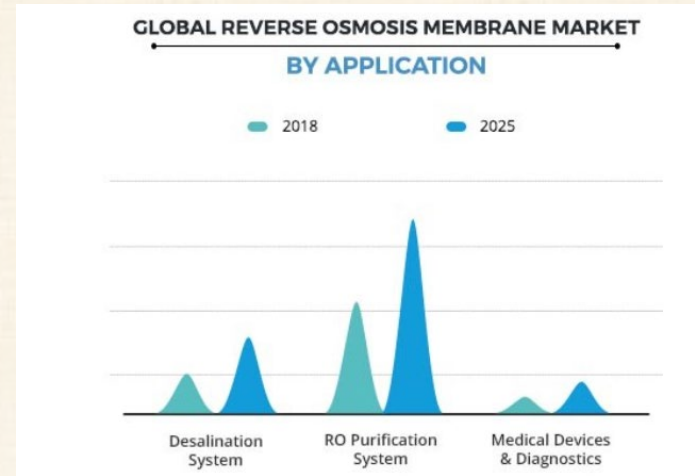
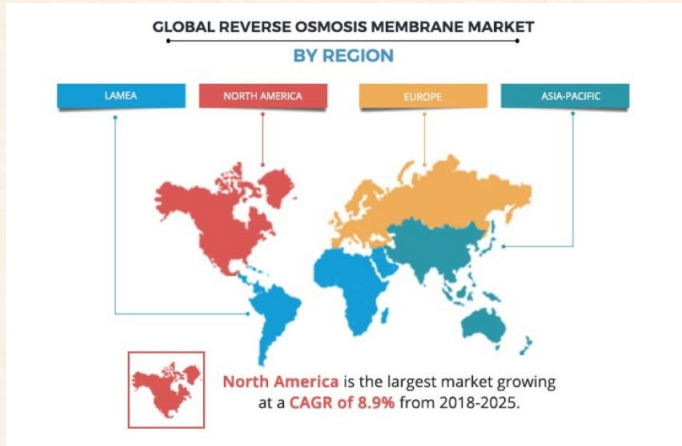
SAVEETHA

INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES
(Declared as Deemed to be University under Section 3 of UGC Act 1956)



- Established in 2005
- 159 departmental lab facilities
- 20 Center of excellence
- 17 research unit parks
- 6 Industry institute interface units
- 4 technology transfer centers.

Glimpses of Research Idea



Development of Physiochemical Cleaning methods

Research Team



Dr. Sathish Kumar Ramachandran

Membrane Specialist



Dr. Rajalakshmanan Eswaramoorthy

Environmental Chemist



Dr. Palanivel Sathishkumar

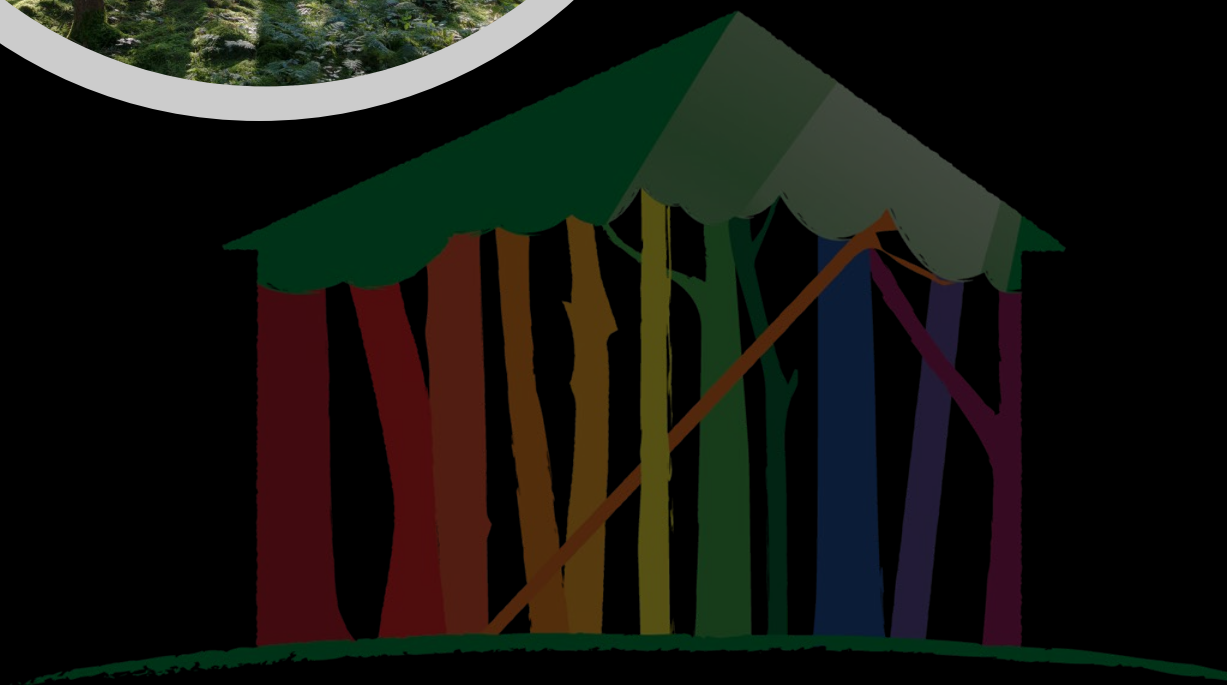
Environmental Microbiologist

We are looking for collaborators in the field of membrane filtration, AOPs, water and wastewater treatment .

Contact Details

Mobile +91 9715270393

Email: sathishkumar.sdc@saveetha.com



FÄRBYGGE PRODUKTION SVERIGE AB

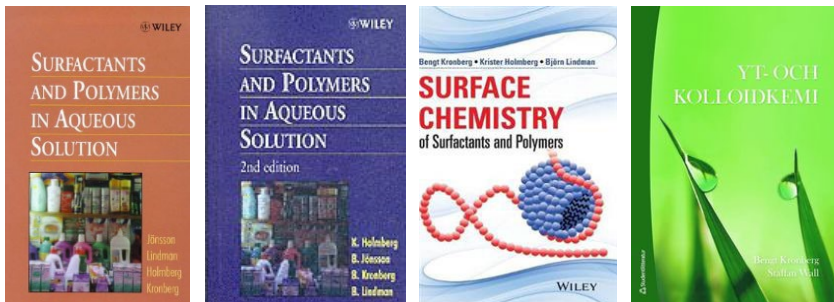
1977 Mc Gill University, Montreal Canada
- Ph.D in Physical Chemistry

1978-2018 Institute for Surface Chemistry
- Research Director
- Technical Director
- Section Director
- Course Director
- Senior Research Fellow

2002-2008 Karlstad University
- Adjunct Professor

2019-present
- CTO at Färgbygge Produktion AB

Co-author of the books:



Bengt Kronberg



FÄRGBYGGE

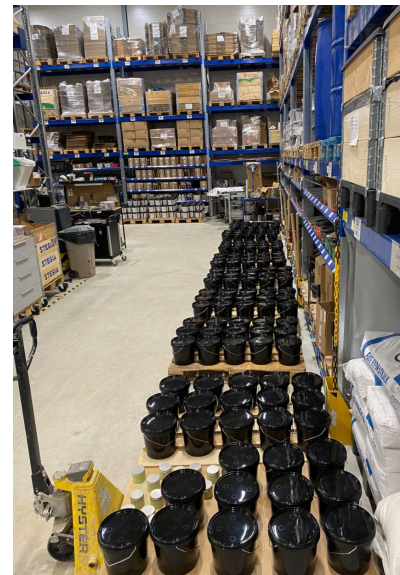


Färgbygge Produktion Sverige AB

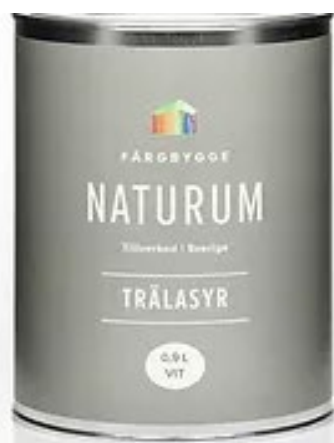


FÄRBYGGE

Production of paints, lacquers and binders using shellac and proteins



PRODUCT PORTFOLIO



Sludge paint

100% renewable binder

13 standard colors



**Swedish
traditional
facade paint**





FÄRGBYGGE

TILJA



Wood soap based on **soy fatty acid**

Lye based on **sodium hydroxide**



Traditional floor care

RESPEKT

>60% renewable binder

Newly developed



FÄRGBYGGE

The binder is a mixture of shellac, proteins and acrylic latex rendering a composite binder that forms a film by both drying and curing.



FÄRGBYGGE



Shellac dissolves
in water

Unique
softening
technology

Cold production
process (less
energy)

Compatible
acrylic binder

Biodegradable

Negativ carbon
footprint

High storage
stability

High heat
resistance

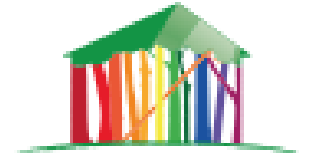
Does not
compete with
food production

BENGT KRONBERG, Ph.D.

RESEARCH AND DEVELOPMENT

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F Ä R G B Y G G E

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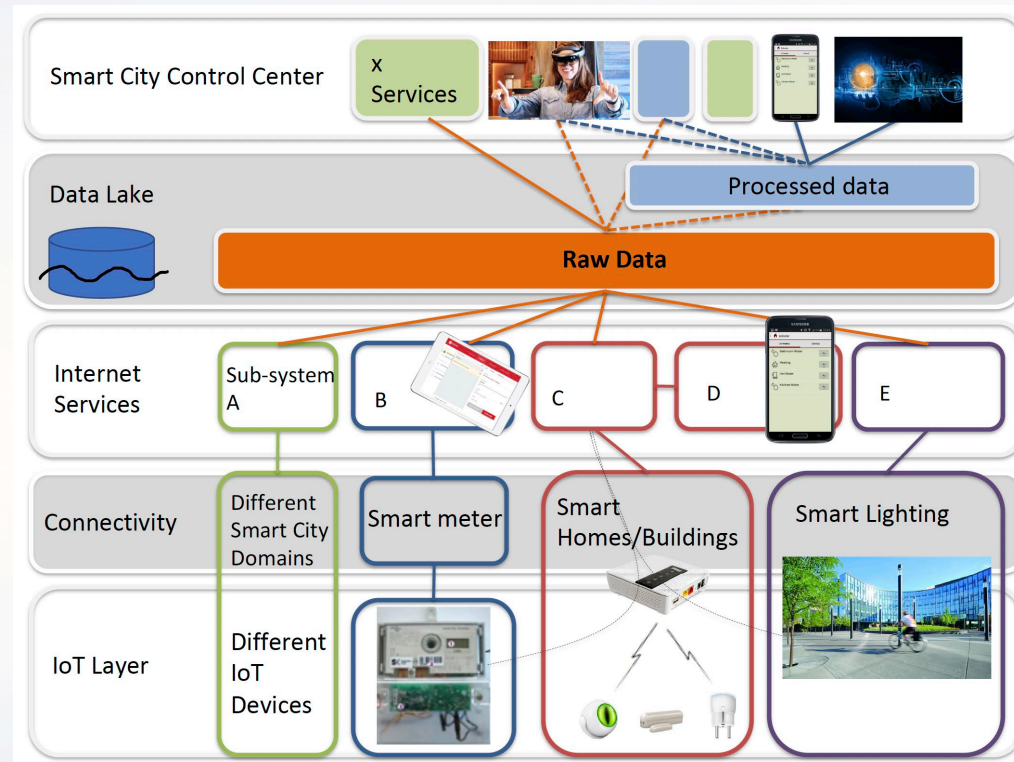
Pervasive and Mobile Computing (PMC) @ Luleå University of Technology

Contact:

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+46 (0)910 585386

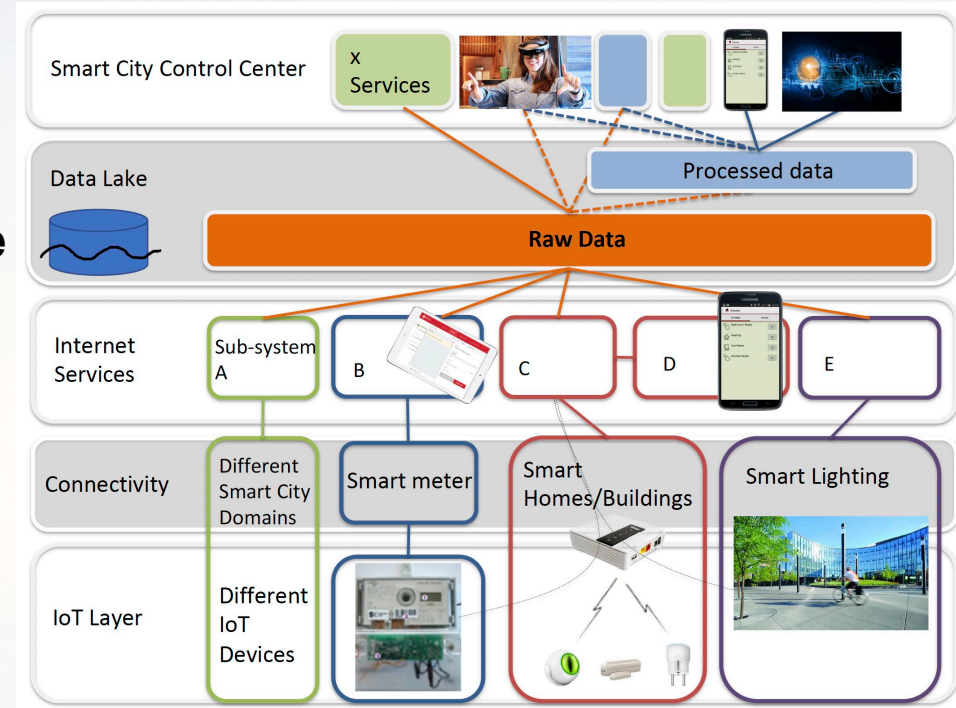


Pervasive and Mobile Computing (PMC) @ Luleå University of Technology

- **Digital Societies, Internet of Things:**
 - [Social Development through Secure IoT and Open Data \(SSiO\)](#) - IoT platforms and SmartCity services;
 - [IoT inom Vård och Omsorg \(iVO\)](#) - Human activity recognition through IoT and machine learning for smart/elderly healthcare
 - [Phoenix](#) – Energy reduction of apartment blocks using IoT and machine learning;
 - **GIOTIS-IoT ecosystems** (recently granted, not yet started);
 - We are leading the IoT Security working group at [Cybernoder.se](https://cybernoder.se).
- **Dynamic Pervasive cloud computing and Datacenters:**
 - [Cloudberry Datacenters](#) – energy efficiency in datacenters
 - [5G Edge Innovations for Mining](#) – Mobile Edge Computing and 5G
- **Wireless Access Networks:**
 - [Artic 5G Test Network](#) – V2X communication
 - [Industry funded research \(InfoVista\)](#) – QoS/QoE in networks

Pervasive and Mobile Computing (PMC) @ Luleå University

- **We:**
 - Work on the distributed gathering of information via Internet-of-Things (IoT);
 - We research in how to communicate data in fixed and mobile networks;
 - We apply machine learning methods to reason about data both in non-real-time and real-time;
 - For interaction and visualization of information, we research on applying interfaces and media presence;
 - We also research Cybersecurity for IoT and Blockchains;
 - Finally, we research in mobility, monitoring, and performance benchmarking of network and cloud computing recourses;



Looking forward to meeting you!

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