

# PODCAR CITY: STOCKHOLM

presenting *Tomorrow's Lifestyle Today!*

**Safe, Sound & Sustainable**

[podcarcity.org/stockholm](http://podcarcity.org/stockholm)

September 6-8, 2011



NEWSLETTER #3 SEPTEMBER 2011

## LETTER FROM CHRISTER — SEATS ARE FILLING FAST AS OUR THEME BECOMES MORE & MORE PERTINENT



***Now it's time to work together!***

The fifth annual Podcar City Conference [PCCC5] is less than two weeks away and I encourage everyone to begin considering how we maximize the various invaluable opportunities awaiting those of us attending in Stockholm. On Tuesday evening, September 6th, many of the world's top professionals authorizing, designing, building and investing in the fast emerging Personal Rapid Transit (PRT/ATN/Podcar) industry will begin circulating, interacting and sharing for three meaningful days.

At the cusp of another well attended PCCC gathering, I can not overstate how much I believe that our ongoing events are helping to effect the ways in which this burgeoning transportation sector expresses its views, goals and collective aim of thrusting eco-friendly industriousness into the public works pipeline.

At our conferences, we break the ice with a relaxed, low-key affair aimed at introductions and re-connections; we sit and absorb the keynote lectures together; we break out into symposiums, presentations and workshops; we eat, chat and network during the in-between time; we question, teach and we learn from one another. Although I enjoy a good presentation, it's all about the informal summits for me—the direct information exchange, the AHA! moments, the inspiration, the criticism, and anything else that arises between intelligent and creative people in an open environment. It is a truly lively experience, indeed—and not for lack of important and timely topics.

To take seriously the colossal challenges evident in achieving a more sustainable way of living on this planet, we have got to fully accept that we must dramatically alter our lifestyles—now. In the previous Newsletter I emphasized how important a reliable, effective and accessible transportation system is for healthy democracy by facilitating the safe and efficient passage of minds and bodies. Thus, while a totalitarian regime does its best to limit accessibility to infrastructure, a free society works to liberate the movement of people, goods and ideas.

Knowing, therefore, that fossil fuel markets are taking their last breathes, that the global workforce is struggling to cover its cost of living in today's economy, and that we continually erode our civic spaces and natural environment by prioritizing the utilization of automobiles over that of safer and more cost effective modes of transit, let's work together to radically change our mobility lifestyle paradigm today!

IST Welcomes you to the 2011 Stockholm Conference. Knowing that we must fundamentally change how we create and utilize energy, how we effectively manage our cities and infrastructure, and how we work to heal our planet, we make it our mission to help develop more reliable, affordable, efficient, safe and fun transportation around the world – we value everyone's input in making progress toward this end!

If you have not registered to join us from Sept 6-8, seats are limited, so please sign up as soon as possible. Thank You.

*/ Christer*

*Christer Lindstrom is the founder of IST - Institute for Sustainable Transportation, co-founder of INIST, the General Transportation Fund (GTF) and Encitra LLC. Christer is a member of the Swedish Center Party, and is currently assisting with the Podcar City : Stockholm Conference*



# PCCC5 CONFERENCE PROGRAM

*(All scheduled times are subject to change. Registered attendees will receive updates on any changes of Venue or Speaker)*

**Tuesday 6 September**

**17:00 Icebreaking – Opening Reception**

**Skybar of Restaurant Himlen, Götgatan 78, Stockholm**

[www.restauranghimlen.se](http://www.restauranghimlen.se)



*(Continued Next Page)*

## Wednesday 7 September

**8:30** Registration at Stockholm Waterfront Congress Centre – 2<sup>nd</sup> Floor

**9:30** Plenary Chamber

### Welcoming Remarks from:

Catharina Elmsäter-Svärd, Minister of Infrastructure, Ministry of Enterprise and Energy, Sweden  
Hans Lindqvist, Chairman KOMPASS & County Councilman Stockholm & former member of European Parliament  
Inger Linge, Chair Stockholm County Council  
*Moderator:* Magnus Hunhammar, CEO Institute for Sustainable Transportation

### Setting the Theme

Debbie Cook, Former Mayor Huntington Beach, CA, US – *Emerging Opportunities in a Messy Landscape*

**10:45** Exhibition Hall: **Networking Break**  
(Press conference in Plenary Chamber)

**11.15** Plenary Chamber

### Public Transport for Tomorrow's Lifestyles

Presentations and plenary discussions by:

Debbie Cook, Former Mayor Huntington Beach, CA, US  
Ulrika Francke, CEO Tyréns & Chair IVA Transport 2030  
David Muyres, Agent of Transportation Change, Carbon War Room (US)  
*Moderator:* David Holdcroft, Secretary ATRA-EU

## 12:30 Lunch at Venue

### 13:30 BREAKOUT SESSION 1

{The program is divided into three tracks - one for the big picture, one for city-scale issues and one for more special topics. One can choose breakout sessions according to interests.}

Plenary Chamber

### 13:30 A1 - Swedish Plans for Sustainable Urban Transport

What can we learn from Swedish towns that have studied for Podcars/PRT?

*Moderator:* Eva Külper, Architect, Bjerking

*Panelists:*

Tom Karlsson, Manager Streets & Traffic, Uppsala Municipality  
Ewa Lofvar Konradsson, 3<sup>rd</sup> Vice Chair of the City & Lars Johansson, Head of Env. Dep., Södertälje Municipality  
Axel Nelstrand, Traffic Planning, Upplands Väsby Municipality

Room 24

### 13:30 B1 – Financing and procurement

*Moderator:* Christer Lindström, Founder IST - Intro Case Study Uppsala

*Panelists:*

David Little, Eastern Regional Director, Principal of Washington Office, Lea+Elliot Inc (US)  
Ulf Westergård, Senior Manager, Nordic Investment Bank  
Alain Kornhauser, Prof Princeton Univ. & Chairman ATRA – *Maximizing Airport Land Value Using PRT*

Room 26

### 13:30 C1 - Standards, control systems and safety regulations for podcars

The Swedish Transport Agency is a world leader in safety certification processes for Podcars. How can we deal with new technology? Are there any standards? What can be learned from other systems?

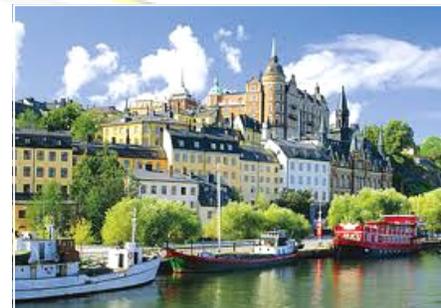
*Moderator:* Mats Lithner, Business Area Manager Railway, Rejlers

*Panelists:*

N.N., Siemens – *Automated People Movers*  
Sven Assarsson, Rejlers – *Control Systems*  
Inge Alme, Technical Director, ScandPower AS (NO) – *Safety Integrity Levels in PRT Systems*

**15:00** Exhibition Hall

## Networking Break – coffee



**15:30 BREAKOUT SESSION 2**

Plenary Chamber

**A2: Podcars in Cities and Districts around the World**

For new sustainable cities, what is the experience with podcar implementations?

*Moderator:* Larry Fabian, Trans 21 – intro: 35 years of experience of “PRT” in Morgantown, WV, US

*Panelists:*

Robbert Lohmann, 2GetThere – *Masdar project, Abu Dhabi*

Martin Pemberton, Vice President Vectus Ltd (UK) – *Suncheon project, South Korea*

David Holdcroft, former BAA (UK) – *System design and passenger Reactions at Heathrow PRT*

Room 24

**15:30 B2 – Impacts of Declining Oil Supplies**

How are rising oil prices affecting us? How should we act in the post-oil era?

*Moderator:* Russel Johnson, Chairman IST & Former Director Environmental Affairs, IKEA Group

*Panelists:*

Debbie Cook, Board President Post Carbon Institute & Former Mayor Huntington Beach, USA  
– *Delusion, illusion and solutions*

Ron Swenson, CEO Swenson Solar & board member Association for the Study of Peak-Oil USA  
– *Solar Skyways, Mobility in a World Beyond Oil*

N.N. Swedish Energy Agency  
– *Initiative for international Energy policy*

Room 26

**15:30 C2 – Preparing for Podcars**

What can we learn from academics, consultants and other experts?

*Moderator:* Ingmar Andréasson, Prof. Royal Institute for Technology

*Panelists:*

Peter Muller, President, PRT Consulting (US)  
– *How to Obtain Grassroots and Political Support for PRT*

Jörg Schweizer, Prof. Bologna (I)  
– *Potential modal shift from cars to PRT in European cities*

Luca Guala, Senior Manager, Systematica (I)  
– *Planning and Modelling of a PRT Network for the Zero-Carbon City*

**17:00 Exhibition Hall**

**19:00 DINNER**

S/S Drottningholm (Cruise on a 100 year old steamship)  
Departure 19.00 from Stadshusbron - next to City Hall.



**Thursday 8 September**

**08:30 BREAKOUT SESSION 3**

Plenary Chamber

**A3 – Challenges and Opportunities in Urban Planning**

*Moderator:* Kjell Dahlström, Founder GTS (General Transport System) Foundation

*Panelists:*

Carl-Johan Engström, Prof. Royal Inst. of Technology  
– *The role of the urban environment to attract creative people and companies*

Christer Lindström, IST  
– *Virtual modelling, Encitra*

Room 24

**08:30 B3 – Experiences in project realization: key aspects to consider for new applications.**

*Moderator:* David Holdcroft, Secretary ATRA-EU

*Panelists:*

Robbert Lohmann, 2GetThere (NL)  
Jörgen Gustafsson, Vectus Ltd (SE/KOR)  
Martin Lowson, ULTra PRT (UK)

Room 26

**08:30 C3 – The Next Frontier: Emerging PRT systems**

Many new concepts of Podcars and other automated electric vehicles are in research and development stages

*Moderator:* Jan-Erik Nowacki, Tech. Lic. Founder GTS (General Transport System) Foundation

*Panelists:*

Bengt Gustafsson, Beamways (SE)  
Asko Kauppi, BM Design (FIN)  
Alexander Kyllmann, Managing Director, ModuTram (MEX)  
Peter Lovering, Composite Solution (UK)  
Netanel Goldberg, AutoMate (ISR)

Exhibition Hall

**10:00 Networking break - coffee**



**10:30 BREAKOUT SESSION 4**

Plenary Chamber

**A4 – Challenges and Opportunities in Urban Planning**

*Moderator:* Carl-Johan Engström, Prof. Royal Inst. of Technology

*Panelists:*

Eva Kulper, Architect, Bjerking & IST Board—*Effects on Urban Space*  
Marcus Ekström, Urban Planner, Sigtuna Municipality – *Podcars at the Regional Core of Arlanda-Märsta*

Room 24

**10:30 B4 – Podcars in Modern Multi-Modal Context**

How can existing transport modes - metros, busses and LRT - interface with PRT? Can we make better use of both? Can we phase out or constrain the role of cars?

*Moderator:* Alain Kornhauser, Prof. Princeton Univ. (US)

*Panelists:*

Peter Muller, President, PRT Consulting (US) – *Podcar Airport Concept*  
Ingmar Andréasson, Prof. KTH - *Bus & PRT or Rail & PRT*  
Kjell Dahlström, PhD, Founder GTS (General Transport System) Foundation – *Combination and Competition*

Room 26

**10:30 C4 – KOMPASS Open Meeting**

*Moderator:* Hans Lindqvist

**12:00 LUNCH in town** (at your own preference)

Plenary Chamber

**13:30 Plenary session - Be Profitable with Green Business**

*Moderator:* Ron Swenson, INIST (International Institute of Sustainable Transportation)

*Panelists:*

Joakim Ax, Transport Planner, Sweco – *Caofeidian, a Swedish Designed Eco Town in China*  
Nathen Koren  
Ann Wiberg

Exhibition area

**15:00 Networking Break** - coffee

**15:30 Plenary Chamber**

**Closing Discussion: Where Do We Go From Here?**

*Moderator:* Christer Lindström, IST

Tore Helmersson, CEO Innovatum Technology Park, Trollhättan  
Bo Olsson, Swedish Transport Administration

Closing remarks

**17:00 Official Closing**

DEAD END OR FRESH START?



IT 'S OUR CHOICE

# INDUSTRY PROFILE:



Apricon develops and markets services for project communication and information management. Web-based document management, CAD and databases are our specialties. We offer some of the market's smartest and most effective tools for project communication and document management and help with advice and training. Our experience comes in handy no matter how varied the project.

Our services are used by the leading property developers, contractors, consultants and project managers - both in Sweden and abroad. We are involved in both small local development projects and large complex construction projects with hundreds of project participants. We have our roots in the construction industry. This means that we have a particular understanding of the processes involved in the construction industry. But our knowledge and experience can be useful regardless of the industry you are involved in.

Long-term relationships with committed customers and suppliers are stimulating. We always work close to you as a customer. Close cooperation and common goals give us the opportunity to constantly develop our services - services that will make your work easier.

## *Apricon's environmental policy:*

*We must aid our customers in their efforts to reduce their environmental impact by developing the positive environmental aspects of our services. We must minimize our environmental impact by choosing efficient modes of transport and energy use in all our activities in our company*

*Apricon was founded in 2004 and now have offices in Stockholm and Malmö.*



*I wish You all very much welcome to Stockholm Podcar City Conference!*

*This will be the 5th annual Podcar City Conference. Last Year we had the very successful Conference in San Jose and before that in Malmö, Ithaca NY and Uppsala.*

*Today's transportation system is reaching a dead end. Climate change is a threat, energy efficiency is a necessity, the environment around must survive. That's for the long run. In short terms valuable space is swallowed by roads and parking places and accidents and congestion are increasing..*

*Podcars are coming, Masdar, Heathrow, Suncheon. PRT studies are underway worldwide in California, Minneapolis, India, Sweden. Since the start three and a half years ago the Swedish podcar network KOMPASS has got some 10-15 cities and municipalities as members who have gone far in planning. There are in addition many others who would like to start planning*

*We are waiting for the first Pilot line or lines where Stockholm, Uppsala and Södertälje are in the front. It will be very interesting to hear what the minister of infrastructure Catharina Elmsäter-Svärd will say when she is opening the Conference.*

*We have now a more or less worldwide financial crisis. What is a better time than now to start up a new modern transportation system to complement and improve what we have today, meeting the climate change, new jobs and a more sustainable world?*

*I am really looking forward meeting You at the PCCC5-Conference at Waterfront Congress Hall in Stockholm. Let us be the refreshing wind for the future.*

*Looking forward seeing You*

*Hans Lindqvist*

*~ President of the Podcar network KOMPASS in Sweden*



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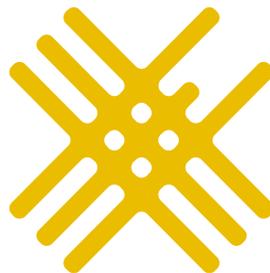


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