

Summary of 2010

The year 2010 has been as busy as any other year in the history of Swegon Air Academy. In total we have performed 28 seminars in 13 different countries. For the first time we have carried out a number of seminars in the U.S. (Boston, Philadelphia and Chicago).

Main topics during the year

The most frequently handled topic has been the importance of good indoor air quality in classrooms. Professor David Wyon has shown results from research, carried out together with Dr Pawel Wargocki at the International Centre for Indoor Environment and Energy at DTU in Denmark. Find the presentation on the Swegon Air Academy website.

Some other often focused topics have been:

- "HVAC Installations in Tall Buildings"
- "DCV - Demand Controlled Ventilation"
- "Energy Efficiency Improvement in Existing Buildings"
- "Ventilation Strategies for Healthy IEQ and Energy Efficiency"
- "Energetic Issues in Commercial Buildings"



10th REHVA WORLD CONGRESS "Sustainable Energy Use in Buildings"

Swegon Air Academy at Clima 2010 in Antalya

SAA participated at the Clima 2010 conference in Antalya in May sponsoring a workshop together with Chalmers University from Gothenburg on Demand Controlled Ventilation. The discussion (especially on the use of CO₂ as a proxy for IAQ) and the feedback was impressive and lead

to an article in the Rehva Journal. SAA was also able to present some research completed by Dr Dennis Johansson from Swegon and Lund University on occupancy measurements in two Swedish schools with existing DCV systems installed. The main result of which showed surprising low levels of occupancy – a strong argument for DCV.

SymbioCity – Looking at the urban life as a whole

The idea with the Swedish project SymbioCity is sustainable urban development. The SymbioCity approach is centered around our needs as individuals and families. Cities are and have always been the very centres for cultural life and economic growth. The main challenges are well known: water and food supply, transport systems, waste disposal, threats to fauna and flora and, of course, CO₂ emissions and climate change. Managing these areas of urban growth is crucial to every decision maker –

and SymbioCity is all about finding the best and most profitable ways. During 2010, SAA was invited to take part in an activity together with the Swedish Trade Council and the SymbioCity project. The presentation was held in the French city of Lyon, where the Mayor of the City is taking energy effectiveness and distribution very seriously. SAA presented a case study from Lyon's twin city in Sweden, Gothenburg; a new building in an old area where the building needed to look right, to fit in and to be as energy

efficient as possible - not easy with huge glass facades, but an interesting compromise was reached. Time will tell if the required energy levels of 52 kWh/m²a are achieved, of which electricity usage stands for 15 kWh/m²a.

Of course the presented building was a new build, but to make a real change, Lyon like all other cities, needs to figure out the best way to reduce energy usage in the already existing building stock.

Many seminars already planned for 2011

We are happy to notice the interest from a lot of countries to carry out seminars even during 2011. Depending on our common responsibility to

reduce the use of energy – but with unconditional respect to the indoor air quality – we feel that we have a very important task ahead of us. These

are the planned seminars for the first months of the year:

Date	Place	Topic	Speaker
03 Feb	UK/Bristol	School Ventilation	Professor David Wyon
14 Feb	UKR/Kiev	HVAC installations in tall buildings	Chris Pal; Vince Ugarow
16 Feb	BLR(Minsk	HVAC installations in tall buildings	Chris Pal; Vince Ugarow
17 Feb	RUS/St Petersburg	HVAC installations in tall buildings	Chris Pal; Vince Ugarow
03 March	N/Oslo	To be decided	To be decided
11 March	F/Marseilles	Enjeux Energétiques dans les Bâtiments Tertiaires	Pascal Valladont; Stephan Patrix
07 April	FIN/Helsingfors	Green Building Council and the 2017 energy target	Maija Virta; Jarek Kurnitski
08 April	F/Dijon	Enjeux Energétiques dans les Bâtiments Tertiaires	Pascal Valladont; Stephan Patrix

As usual all seminars will be announced at our website www.swegonairacademy.com

Mrs Rut Folke is leaving Swegon Air Academy

From January the 1st, Mrs Rut Folke is not longer part of the Swegon Air Academy team, as she has decided to quit and to do something completely else. As colleagues we will miss her very much. Rut Folke has been one important reason for the success of Swegon Air Academy and we know that she of a lot of people all over Europe forever will be regarded as "The true

Manager" of Swegon Air Academy. Anyway – we will do our very best to continue the important work of sharing knowledge within the indoor climate, energy and environmental fields. The Swegon Air Academy team will as soon as possible introduce a new partner. More information will come in a near future.



Merry Christmas and a Happy, Prosperous New Year

Swegon Air Academy is a forum for conveyance of knowledge and experience in the field of air handling and indoor climate. Our ambition is to work in a neutral and objective way. Practical experiences and research results from universities are conveyed through seminars, newspaper articles and technical literature.

All information about our seminars and applications is available on our website, well in advance before the seminar date.

At last but not least, the Swegon Air Academy team, Conny, John and Rut will take the opportunity to wish you all a

Merry Christmas and a Happy New Year!

