

ESR 4 – Modelling indoor emissions and fate of FRs

Main partner: IVL Swedish Environmental
Research Institute



IVL Swedish Environmental Research Institute

- **Independent and non-profit research institute**
 - Founded in 1966 (before Swedish EPA)
 - Owned jointly by the Swedish government and industry (50/50) through a foundation
 - around 180 employees (28% with post-graduates, 62% with M. Sc.)
 - engineers, economists, social scientists, geoscientists, chemists, biologists, agriculturalists, communicators etc.
- **Strategic locations (2 offices)**
 - The Royal Institute of Technology Campus in Stockholm
 - Chalmers University of Technology Campus in Gothenburg
- **Six thematic areas**
 - Climate and energy
 - **Air and transport**
 - **Sustainable building**
 - **Sustainable production**
 - **Water (including risk assessment chemicals and pharmaceuticals)**
 - Resource-efficient products and waste
- **Accredited laboratories**
 - Chemical analysis (all matrices)
 - Biological tests

Project outline (will be specified)

- Development of fate models for indoor fate assessment of old and new FRs
- Possibility of experimental work, e.g. emission measurements
- Collaboration with ESR5 at SU
- In practice, secondment at SU may be spread out over time.
- Short visits to VITO and UB are planned
- Student will be based at IVL – but enrolled at ITM, SU

Supervisors

- M. Sc. Anna Palm Cousins, (also Ph D student at SU)
 - Drs Eva Brorström-Lundén and Tomas Rydberg
- Assoc. Profs. Ian Cousins and Matt MacLeod, (both ITM, SU)

Recruitment

- Position was advertised in October, 2010, via networks as well as the ITM website
- Five applications were received
- None were judged to have the right qualifications
- Contact with two other students who had applied for other positions at ITM
 - Male student from Poland
 - One female currently based in Singapore (Vietnamese)
- Position offered in Jan, 2011 to **Quynh Nga Nguyen** from Singapore
- Exact starting date not determined, but probably April (student visa required)

Equal opportunities issues

- Guidelines on recruitment distributed to all partners
- EOC has reviewed all (?) advertisements together with SH.
- You have all done your lesson well – see next slide
- EOC will be contact point for students should they feel discriminated

Equal opportunities issues - ESRs

ESR no	Gender	Year of birth	Country
1. Alin Ionas	Male	1987	Romania
2. Not yet appointed			
3. Not yet appointed			
4. Nga Nguyen	Female	1983	Vietnam
5. Seth Newton	Male	1982	USA
6. Enrique Cequier Mancineiras	Male	1978	Spain
7. Sonia Garcia Alcega	Female	1983	Spain
8. Not yet appointed			
9. Agnieszka Kucharska	Female	1984	Poland
10. Maximilian Behr	Male	1983	Germany
11. Not yet appointed			
12. Reka Nemes	Female	1985?	Hungary

Equal opportunities issues - ERs

ER no	Gender	Year of birth	Country
1. Start end 2011			
2. Expected start september 2011. Maybe later...			

Summary

- ESRs (as it appears today)
 - 4 women, 4 men
 - 6 EU, 2 non-EU
 - Age span: 23-33
 - For remaining recruits (UoB (2), IVM (1), VITO(1)):
 - communication between partners to keep the balance!
 - i.e. ideally 2 women, 2 men ("no more Spanish...")
- ERs
 - ideally 1 man, 1 woman from different countries