

Final Report:
Administrators Stay at University of British Columbia
Andreas Wanke
Head of the Sustainability and Energy Management Unit
2016, January 23 - February 12

All set targets of my stay could be achieved. There are several institutional and process-based similarities between the campus management at UBC and FUB. Both universities have longstanding experiences with performance contracting projects and decided to establish an own institutional energy management during the last decade.

At both universities energy management was the starting point for a more comprehensive sustainability management in later years, remaining the flagship up to the present day. UBC as well as FUB succeeded in reducing their energy consumption considerably and are pioneers in terms of selected aspects of sustainability management. Both universities had longstanding experiences with performance contracting projects and took these experiences as a decisive momentum to build up own capacities and governance structures in the field of sustainability. UBC and FUB have been started this process, which is widely interpreted in both universities as part of organizational development, with a focus on infrastructural improvements (mainly buildings) in the first decade and a huge relevance of technical and economical win-win constellations until today. During my stay I had the opportunity for a mutual exchange of ideas and experiences in the following areas:

- UBC has a world-leading position in sustainability management, for instance its excellent whole institution approach - visibly in CIRS - and its reporting system,
- the implementation of the LEED certification label at UBC
- experiences in the field of UBC's community engagement,
- the concept of living labs, which considers universities as testbeds, and an impressive broad mix of instruments.

It was very enriching to get detailed information concerning UBC's sustainability governance structure, reporting system and its strategic options to achieve the targets of UBC's climate action plan, which announced a 67 percent reduction of its CO₂-emissions until 2020 compared to the baseline of 2007, coming from a 36 percent reduction 2015. This success story goes back on a set of different measures, which are mainly technical driven and focus on the conversion of the district heating system from steam to hot water. This change brought a lot of energy savings and associated

reductions of CO₂-emissions. To make the conversion to a business case was possible due to the legacy technology of the steam generation and the carbon tax prices, which are mandatory in British Columbia. The sustainability management at UBC could benefit from both factors.

Complementarily, I shared insights from the FUB's longstanding and wide experience in modernizing existing buildings and technical equipment, the integration of an environmental certification system according to ISO 14001, the focus on participatory strategies and the implementation of a university-wide bonus scheme for energy conservation.

All in all, there have been a lot of issues under discussion and I identified further suitable projects for a deepened cooperation and an extended exchange of experiences. Additionally, the stay was an excellent opportunity to strengthen the project cooperation between both universities and particularly, to prepare the Spring Campus event in April 2016, where UBC representatives played a prominent role.

To facilitate this, I had conversations and meetings with a total of 28 representatives during my stay:

International Office

John Hepburn, Vice-President Research & International

Adel El Zaim, Executive Director, International Office

Bob Korzeniowski, International Resource Officer, Partnership Development

Jonathan Hayes, International Relations Officer, International Office

Professors

Kurt Hübner, Director of the Institute for European Studies

Walter Merida, Head of Clean Energy Research Centre,

Kathryn Harrison, Professor of Political Science, Dean of the Department of Political Science

Center for Interactive Research on Sustainability

James Tansey, Interim Academic Director of CIRS, Executive Director of Centre for Social Innovation & Impact investing, Sauder Business School

Michael White, Associate Vice-President, Campus and Community Planning

Alberto Cayuela, Director of Operations and Business Development

Tim Herron, A/V and Event Manager

Anne-Mareike Chu, Research Assistant

Unit for Sustainability and Engineering

John Madden, Director, Sustainability and Engineering

Bud Fraser, Senior Planning and Sustainability Engineer

Julia Manton, Manager, Contracts Leasing Houses

Penny Martyn, Manager, Green Buildings

Charlene Ponto, Coordinator, Sustainability Engagement and Reporting

UBC Sustainability Initiative, Unit for Communication and Community

Victoria Smith, UBC Sustainability Initiative, Director of Communications and Community Engagement

Marko Pantelic, Manager, Communications and Engagement

Shannon Lambie, Communication and Engagement Specialist

Liska Richer, Manager SEEDS Program

Energy Planning and Innovation

Orion Hendersen, Director, Energy Planning and Innovation

Jeff Giffin, Energy Conservation Manager, Energy Planning and Innovation

Joshua Wauthy, Energy Conservation Engineer, Energy Planning & Innovation

IT

Michael Thorson, Information Technology, Director, Infrastructure

Others

Werner Wnendt, German Ambassador in Canada

Josef Beck, Generalkonsul Vancouver

Tomas Refslund Poulsen, Sustainability Coordinator University of Copenhagen