

IEA International Energy Agency
IEA SHC Task 40/EBC Annex 52
Towards net Zero Energy Solar Buildings



Natural Resources
Canada

Ressources naturelles
Canada

AGENDA



10th Experts Group Meeting

Venue: NSERC Smart Net-Zero Energy Buildings Strategic Research Network (SNEBRN)
 Centre for Zero Energy Building Studies (CZEBs)
 Concordia University
 1515 St. Catherine Street W, Montreal, Quebec
EV Building, Room 3.309



Date: *October 7 – 9, 2013*

Capsule

Sunday, Oct. 6	Management meeting of OA and Subtask leaders
Monday, Oct. 7	Experts Group meeting (by invitation only) - 09h00 – 17h00 Task/Annex WRAP-UP 18h00 – Walking tour of Old Montreal 19h30 – Group dinner (informal)
Tuesday, Oct. 8	09h00-1700 T40A52 Summary Presentations and research forum on new concepts for R&D collaborations
Wednesday, Oct. 9	Technical Tour, Cite Verte, Québec City (TENTATIVE)

Sunday, October 6th, 2013

All day	Hotel check-in	
19h30	Management meeting of OA and Subtask leaders	EV 3.101

Day 1, Monday, October 7th, 2013

07h30	Registration	
09h00	<u>Opening Plenary</u> (Ayoub)	EV3.309
	1- Overview and welcome	
	2- Recognition of meeting participants and welcome new participants	
	3- Announcements by Host	
	4- OA report (ExCo feedback, End of Task/Annex Management Reporting and End of Task/Annex Survey, other)	
10h00	<u>Subtask Wrap-Up Presentations</u>	
	5- STA – Definitions & Implications Progress reporting (Karsten/Federico)	
10h45	Coffee Break	
11h00	6- STB – Design Processes & Tools Progress Reporting (Athienitis/O'Brien)	
11h45	7- STC – Solution Sets and Outputs (Garde)	
12h30	Lunch	
13h45	<u>Subtask-Breakout Sessions to Wrap-Up Activities</u>	EV 3.301
	Subtask A	EV 2.420
	Subtask B	EV 2.201
	Subtask C	
16h00	Coffee Break	EV 3.301
1615	<u>Plenary: Feedback to whole group</u>	

17h30 Closing

18h30	Cultural tour of city center (walk to restaurant in Old Montreal)
19h30	Group dinner (sponsored, Vieux-Port Steakhouse Restaurant, Old Montreal)

Research Forum on International and Canadian Perspectives on Future R, D & D Activities in Low and Net-Zero Energy Solar Buildings and Communities



10th IEA SHC Task 40/EBC Annex 52 Experts Group Meeting

Tuesday, October 8, 2013

John Molson School of Business of Concordia University (Room MB 10.121)
1450 Guy Street, Montreal, Quebec H3H 0A1

PROGRAM

0730 - 0830	REGISTRATION
0845 - 0900	Welcoming Remarks & T40A52 Overview <i>Josef Ayoub, Operating Agent, CanmetENERGY, NRCAN, Canada</i>
Session 1: Results of the T40A52 (2008 – 2013) R&D Collaboration	
0900 - 0920	Definitions and Implications <i>Karsten Voss, Subtask A Co-Leader, Bergische Universität Wuppertal, Germany</i>
0920 - 0940	Design Process & Tools <i>Andreas Athienitis, Subtask B Co Leader, NSERC SNEBRN, Concordia University, Canada</i>
0940 - 1000	Lessons Learned from Subtask B Case Studies on Modeling and Design of NetZEBs <i>William O'Brien, Subtask B Co Leader, NSERC SNEBRN, Carleton University, Canada</i>
1000 - 1020	Advanced Building Design, Technologies and Engineering <i>François Garde, Subtask C Co-Leader, Université de la Réunion, Ile de la Réunion, France</i>
1020 - 1040	BREAK
1040 - 1100	Design Strategies and Solution Sets for ZEBs: Lessons Learned <i>Daniel Aelenei, Universidade Nova de Lisboa, Portugal</i>
1100 - 1120	Zero Energy Buildings – New and Refurbishment: A Developer's Perspective <i>David Waldren, National Executive Design Manager, Grocon Group, Australia</i>
Session 2: Canadian Research, Development and Demonstration Activities	
1120 - 1140	Canada's R,D and D Priorities and Activities in Buildings and Communities <i>Maria Corsi, Program Leader, PERD Built Environment Technology Area, NRCAN</i>
1140 - 1200	Investigating Building Clusters and Quantifying Energy Consumption and Demand Reductions <i>Meli Stylianou, Acting Director, Renewable and Integrated Energy Systems, NRCAN</i>
1200 - 1220	Towards NZE mixed Use Communities: Design Considerations and Energy Performance Enhancement <i>Caroline Hachem, Postdoctoral fellow, NSERC SNEBRN, Concordia University</i>
1220 - 1240	A Perfect Time to be SMART in London Ontario <i>Milfred Hammerbacher, s2e Technologies Inc., Waterloo, Ontario</i>
1240 - 1400	NETWORKING LUNCH
Session 3: New Concepts on Future Research Collaborations on NetZEBs (new IEA Annexes)	
1400 - 1500	Smart Grid Energy-Ready Buildings <i>Soren Ostergard Jensen, Danish Technological Institute, Denmark</i>
1500 - 1600	Net Zero Energy Communities <i>Shady Attia, LIPID, Swiss Federal Institute of Technology (EPFL), Switzerland</i>
1600 - 1700	Low/Net Zero Energy Buildings and Communities in Hot Climates <i>François Garde, Subtask C Co-Leader, Université de la Réunion, Ile de la Réunion, France</i>
1700	Closing