

Oreane Yasmin Edelenbosch

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Work experience

2017-present	Polytechnic University of Milan <i>Post-doc researcher</i>
2016- 2017	Copernicus Institute of Sustainable Development University of Utrecht <i>PhD researcher</i>
2013 - 2017	Climate, Energy and Air Department PBL Netherlands Environmental Assessment Agency <i>Junior researcher "energy demand pathways", work package manager of EU-FP7 ADVANCE project</i>
2011	Science, Technology and Society Department, University of Utrecht, Utrecht <i>Student assistant master Energy Science</i>
2010 - 2012	High school exam training institute "Va Bèta", Amsterdam <i>Co-owner/director</i>
2010 - 2011	Homework institute "Studiekring", Amsterdam <i>Educational coach</i>
2009	Highschool Baken Lyceum, Almere <i>Assistant Teacher Physics</i>

Publications

Edelenbosch O.Y., van Vuuren, D.P., Bertram, C., Carrara, S., Emmerling, J., Daly, H., Kitous, A., McCollum, D., Saadi Failali, N., 2017. Response of transport demand to fuel price and income projections: Comparison of Integrated Assessment Models. Transportation Research Part D: Transport and Environment.

Edelenbosch, O.Y., Kermeli, A., Crijns-Graus, W., Worrell, E., Bibas, R., Fais, B, Fujimori S., Kyle, P., Sano, F., van Vuuren D.P., 2017. Comparing projections of industrial energy demand and greenhouse gas emissions in long-term energy models. Energy.

Van Vuuren, D.P., Stehfest, E., Gernaat, D.E., Doelman, J.C., van den Berg, M., Harmsen, M., de Boer, H.S., Bouwman, L.F., Daioglou, V., Edelenbosch, O.Y. and Girod, B., 2016. Energy, land-use and greenhouse gas emissions trajectories under a green growth paradigm. Global Environmental Change.

Edelenbosch, O.Y., McCollum, D.L., van Vuuren, D.P., Bertram, C., Carrara, S., Daly, H., Fujimori, S., Kitous, A., Kyle, P., Broin, E.Ó. and Karkatsoulis, P., 2016. Decomposing passenger

transport futures: Comparing results of global integrated assessment models. Transportation Research Part D: Transport and Environment.

McCollum, D.L., Wilson, C., Pettifor, H., Ramea, K., Krey, V., Riahi, K., Bertram, C., Lin, Z., Edelenbosch, O.Y. and Fujisawa, S., 2016. Improving the behavioral realism of global integrated assessment models: An application to consumers' vehicle choices. Transportation Research Part D: Transport and Environment.

Creutzig, F., Jochem, P., Edelenbosch, O.Y., Mattauch, L., van Vuuren, D.P., McCollum, D. and Minx, J., 2015. Transport: A roadblock to climate change mitigation?. Science, 350 (6263), pp.911-912.

Edelenbosch, O.Y., Fisher, M., Patrignani, L., van Sark, W.G. and Chatten, A.J., 2013. Luminescent solar concentrators with fiber geometry. Optics express, 21(103), pp.A503-A514.

Conferences

O.Y. Edelenbosch , "*Low-carbon pathways for the transportation sector*" in Final ADVANCE Conference, Brussels Belgium (2016).

O.Y. Edelenbosch, D. McCollum, "*Representation of heterogeneity and consumer behavior in the transport sector*" in International BE4 workshop, London United Kingdom (2015).

O.Y. Edelenbosch, D. McCollum, "*Representation of heterogeneity and consumer behavior in the transport sector*" in IAMC conference, Washington D.C., USA (2014).

O. Y. Edelenbosch, M. Fisher, L. Patrignani, W. van Sark, and A. Chatten, "*Luminescent Solar Concentrators with a Fibre Geometry*," in Renewable Energy and the Environment Optics and Photonics Congress, OSA Technical Digest (online) (Optical Society of America, 2012), paper ST2A.3.

Organised meetings & workshops

Workshop "Expert Workshop "INNOVATION IN RELATION TO BUILDING ENERGY DEMAND IN IAMS" (60 participants, 20-21 January 2015, Utrecht, The Netherlands). Support staff for the FP-7 project ADVANCE.

Project meeting "ADVANCE 4th project meeting" (50 participants. 21-23 January 2015, Utrecht, The Netherlands). On behalf of the FP-7 project ADVANCE. Report online available

Workshop "Expert Workshop " ENHANCING THE STATE OF TRANSPORT MODELING IN IAMS" (60 participants, 19 November 2013, Vienna, Austria). Support staff for the FP-7 project ADVANCE.

Education

2012 - 2013	Research Internship <i>PBL Netherlands Environmental Assessment Agency</i> Title: Interaction Climate and Air quality Policy
2011 - 2012	Master Thesis <i>Department of Physics, Imperial College London</i> Title: Luminescent Solar Concentrator with a Fibre Geometry
2010 - 2013	Master Energy Science <i>Science Department, University of Utrecht</i>
2008 - 2009	Minor General History <i>University of Amsterdam</i>
2006 - 2009	Bachelor Bèta-Gamma with major Physics <i>University of Amsterdam</i>

Courses

2014	Young Scientist Summer Programme (June-Aug), <i>International Institute for Applied System Analysis, Vienna</i> <i>Austria</i>
2013	Language course Spanish <i>Guatamala</i>
2010 - 2011	Language course Turkish <i>Volksuniversiteit Amsterdam, Netherlands</i>

Languages

Dutch	Native
English	Fluent
German	Moderate
Spanish	Moderate
French	Moderate

Other Experience

2016	Volunteer at Refugee Crisis Response NGO, Lighthouse Relief, Katsikas, Greece.
2015	Volunteer at ABC Amsterdam providing language course for refugees in emergency shelter, Amsterdam.
2007 - 2010	Social worker at foundation for streetkids and young mothers, Don Bosco Jonathan, Amsterdam

2009 Co-organiser of the “broeikasgasten” organization in preparation to the COP-15.

Travel Experience

2010 Silk Road
(Turkey, Iran, Turkmenistan, Uzbekistan, Kyrgyzstan, China, Mongolia, Russia, Baltic States)

2005-2006 Around the world
(India, Australia, Thailand, Cambodia, Vietnam)
