

SILCI Bulletin on Disruptive Consumer Innovations and Climate Change *December 2018*

As the nations of the world gather in Poland for the latest round of climate change negotiations, the imperative to reduce emissions grows ever stronger. Disruptive consumer innovations have an essential part to play - from shared mobility and smarter homes to peer-to-peer trading and apps for reducing food waste.

SILCI project researchers are asking: What is the transformative potential of disruptive consumer innovations towards a low-carbon future? SILCI stands for Social Influence and disruptive Low Carbon Innovations.

This bulletin has links to some of the highlights from the SILCI project over the past two years. You can find out more on our [website](#) where you can also [sign up](#) to stay in touch with the project over the next two years.

SILCI FINDINGS

You can find a range of talks, reports, papers and interviews in the '[Resources](#)' section of our website. Here are quick links to our top five:

- 1. A scenario for meeting the 1.5oC target without negative emission technologies:** [journal article](#) in Nature Energy.
- 2. Transforming energy demand to limit warming to 1.5oC:** [video of public lecture](#) at the University of British Columbia.
- 3. Disruptive consumer innovations for accelerated transformation:** [slides from seminar presentation](#) at the International Energy Agency.
- 4. Options and policies for disruptive low-carbon innovation:** [report from experts' workshop](#) in London.
- 5. What consumers can do to reduce their carbon footprint:** [radio interview](#) on the CBC in Canada.

OTHER EXCITING DEVELOPMENTS

The SILCI project team tracks potentially disruptive innovations in multiple domains including mobility, food and homes. You can find a ton of posts on what we think are exciting developments across these domains in the ['Topics'](#), ['News'](#), ['Events'](#), and ['Links'](#) sections of our website. Here are quick links to some of our favourites.

Future mobility

1. **2018 the year of multi-modality.** How much do we know about [multi-modality](#)?
2. **The future of urban transportation.** Mobility initiatives termed 'ACES' can [shape the future](#) of transport.
3. **Driverless vehicle trials on track.** Major ['smart road'](#) trials to begin soon.



Future food

1. **Challenging the supermarket.** Will [digital technologies](#) change the way we buy food?
2. **Redefining 'local' food.** Tomatoes can be [grown on roofs](#)!
3. **Would you eat cultured meat?** [Lab-grown](#) chicken and beef could be available soon.



Future homes

1. **Who shares and why?** Growth of the [sharing economy](#).
2. **Plant - based diets and car - free lifestyles.** High impact, [individual actions](#) for reducing carbon emissions.
3. **Trade your solar power with your neighbours.** The promise of [peer - to - peer](#) electricity networks.



AND FINALLY ...

In the coming months, we'll be releasing new findings from in-depth consumer behaviour research, cross-national surveys, social network analyses, and urban-scale modelling. We'll send out occasional bulletins a few times a year to keep you informed with what we've found. Make sure you [sign up](#) on our website to stay in touch!

If you don't want to receive any future bulletins, just let us know at info@silci.org and we'll remove your details from our website. And for anything else, just get in touch.