Swedish municipalities have a key role in the transition towards sustainable consumption. In the Swedish governance model, municipalities are responsible for a wide range of civic functions, such as day care, education, social services and elderly care. The municipalities are also in a good position to promote sustainable consumption habits among residents and local companies, not least through their influence over transport arrangements and the built environment.

Supporting sustainable lifestyles
As part of an initiative titled the Low-Carbon Area (Den koldioxidsnåla platsen), Umeå municipality surveyed local residents in the spring of 2018 to understand more about their consumption habits. The purpose of the study was to help the municipality to identify those areas of household consumption with the greatest impact on the climate and thus how the municipality can support more sustainable lifestyles.

SEI worked with Umeå municipality to turn these survey results into estimates of the climate footprint of the residents of Umeå that would be easy to communicate and could be compared with national statistics. The project developed a tool based on the survey but complemented with a number of other consumption categories used in national statistics, to allow direct comparison of Umeå residents’ consumption-based emissions with national averages. The tool also allows Umeå to redo the calculations based on the results of future surveys.

SEI also analysed the survey results and presented a number of recommendations for how the municipality could continue its work to facilitate sustainable household consumption patterns.
Findings

The survey data meant it was possible to analyse the influence on consumption patterns and emissions of a large number of determinants, such as gender, age, education and housing type. For example, residents in their 20s ate less meat and dairy and were more often vegetarian than older cohorts, suggesting that a transition to more climate-smart diets is perhaps underway.

However, this same age group had a substantially higher footprint than the others when it comes to furniture – probably because at this age people often move out of the family home and need to furnish their new homes.

The results also confirmed an overall positive correlation between incomes and climate footprints. Notably, higher-income groups took more flights and consumed more red meat and clothing.

The work generated great interest from actors across society, including media, indicating that there is broad awareness that consumption patterns need to change if we are to achieve a transformation to a sustainable society.

Stockholm Environment Institute is an international non-profit research and policy organisation that tackles environment and development challenges.

We connect science and decision-making to develop solutions for a sustainable future for all.

Our approach is highly collaborative: stakeholder involvement is at the heart of our efforts to build capacity, strengthen institutions, and equip partners for the long term.

Our work spans climate, water, air, and land-use issues, and integrates evidence and perspectives on governance, the economy, gender and human health.

Across our eight centres in Europe, Asia, Africa and the Americas, we engage with policy processes, development action and business practice throughout the world.

Researchers involved
Katarina Axelsson
Fedra Vanhuyse
Elena Dawkins

Project lead
Katarina Axelsson

Dates: September – December 2018
Duration: 4 Months

Contact
Katarina Axelsson
katarina.axelsson@sei.org

Published by:
Stockholm Environment Institute
Linnégatan 87D, Box 24218
104 51 Stockholm, Sweden
Tel: +46 8 30 80 44

Umeå, Sweden © JONAS GUNNARSSON / GETTY