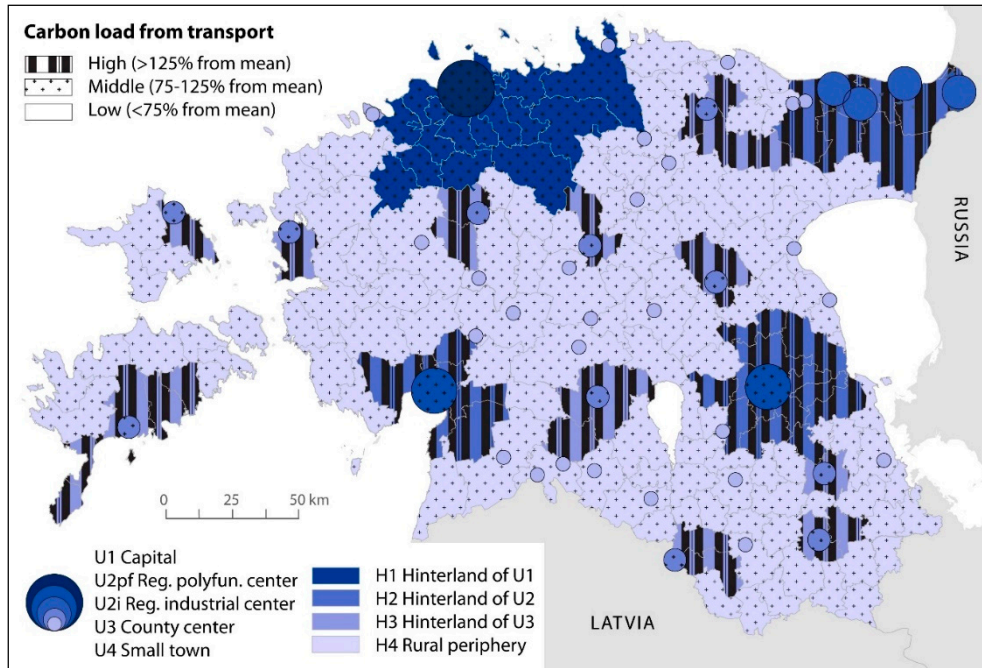
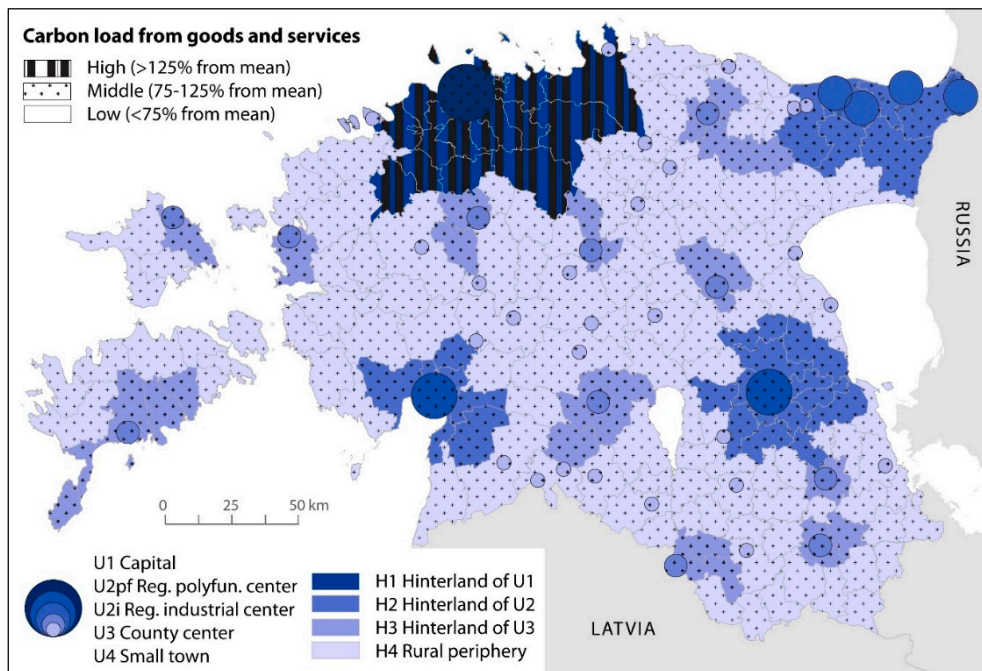


# Supplementary Materials: How Does the Environmental Impact of Household Consumption Depend on Residential Location?

Age Poom and Rein Ahas



**Figure S1.** The spatial patterns of relative per capita carbon load from transport in comparison to mean carbon load across settlement hierarchy levels.



**Figure S2.** The spatial patterns of relative per capita carbon load from consumer goods and services in comparison to mean carbon load across settlement hierarchy levels.

**Table S1.** Emission intensities of various consumption categories used in the analysis based on [1,2] and input-output computing.

<b>Consumption Categories</b>	<b>kg CO<sub>2</sub>/€</b>	<b>kg CO<sub>2</sub>/kWh</b>
Food and beverages	0.978	0.314
Natural water, water treatment, and supply services; sewerage; waste management	1.098	0.330
Construction and maintenance services	0.860	0.320
Electricity, gas, district heating, and hot water	14.57	0.347
Gasoline	5.286	0.312
Diesel	5.457	0.313
LPG	5.373	0.293
Light and heavy fuel oil	5.802	0.310
Coal, oil shale	17.92	0.348
Charcoal	10.49	0.314
Wood pellets	12.76	0.263
Firewood; non-specified solid fuels	13.42	0.376
Wood briquettes	14.79	0.377
Peat briquette	14.97	0.341
Textiles, garments, and leather products	0.386	0.328
Paper and paper products	2.225	0.330
Pharmaceutical products; chemical products	0.412	0.307
Furniture; other manufactured goods	0.790	0.329
Rubber and plastic products; fabricated metallic and non-metallic mineral products; wood products	1.224	0.335
Computer, electronic, and optical products; electrical equipment; machinery and equipment; motor vehicles	0.181	0.331
Land transport services	1.389	0.297
Water transport services	1.037	0.332
Air transport services	1.537	0.295
Maintenance and repair services of motor vehicles and large-scale durables	0.785	0.329
Postal and courier services; parking lot services	1.043	0.309
Accommodation and food services	1.201	0.333
Telecommunications services, printed materials, recording media	0.336	0.334
Education services	0.885	0.334
Human health services; residential care services; social work services	0.651	0.331
Cultural, sporting, and recreation services	1.060	0.336
Repair services of computers and personal and household goods; other personal services	0.925	0.329
Financial services, insurance, and pension funding services	0.199	0.333
Real estate services	0.561	0.332
Legal and accounting services; other professional and technical services; veterinary services	0.308	0.326
Rental and leasing services; security; travel agency, tour operator and other reservation services	0.410	0.320

## References

1. Ministry of the Environment. *Greenhouse Gas Emissions in Estonia 1990–2012: National Inventory Report under the UNFCCC and the Kyoto Protocol*; Ministry of the Environment: Tallinn, Estonia, 2014; p. 335.
2. Statistics Estonia. Statistical Databases: Economy. Available online: <http://pub.stat.ee/px-web.2001/dialog/statfile1.asp> (accessed on 5 January 2015).