

The Lectures LP 1

Disentangling the Complex

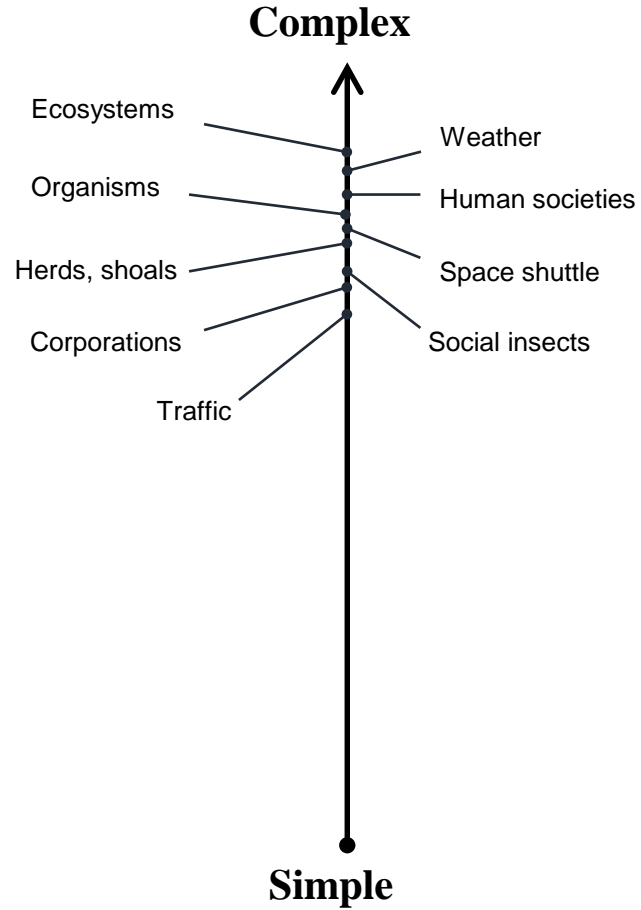
Based on:

Andersson, C., Törnberg, A., & Törnberg, P. (2014). Societal systems: complex or worse? *Futures*, 63, 145–157. <http://doi.org/10.1016/j.futures.2014.07.003>

Andersson, C., Törnberg, P. (2016). Innovation and wickedness. Under review with *Research Policy*.

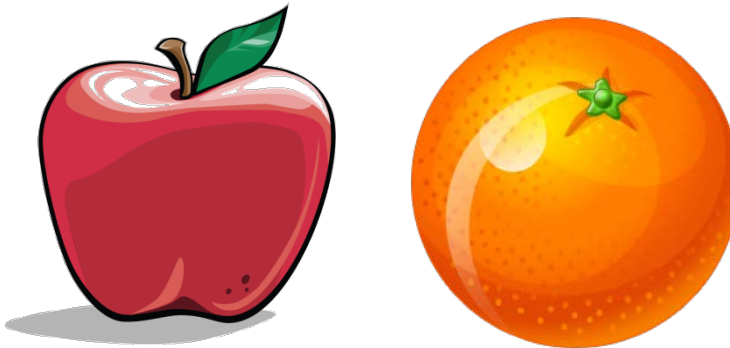
(Links will be distributed)

Complex stuff

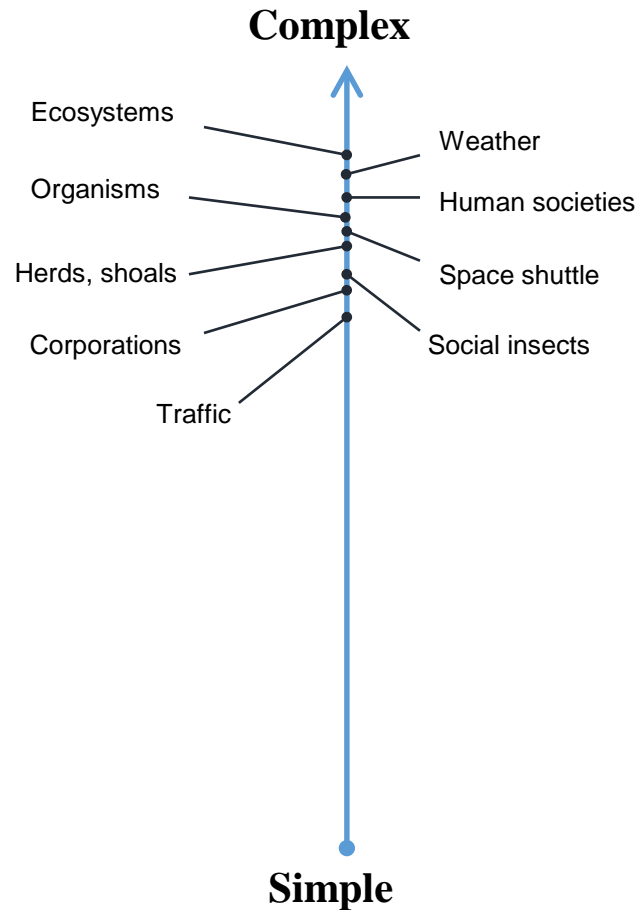


Complex matters

This doesn't make very much sense!



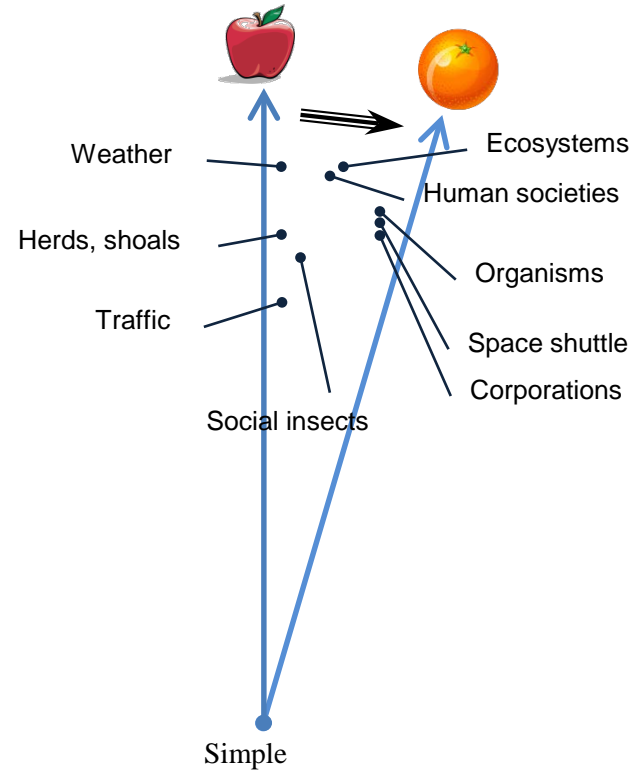
Dichotomy between complex and complicated systems



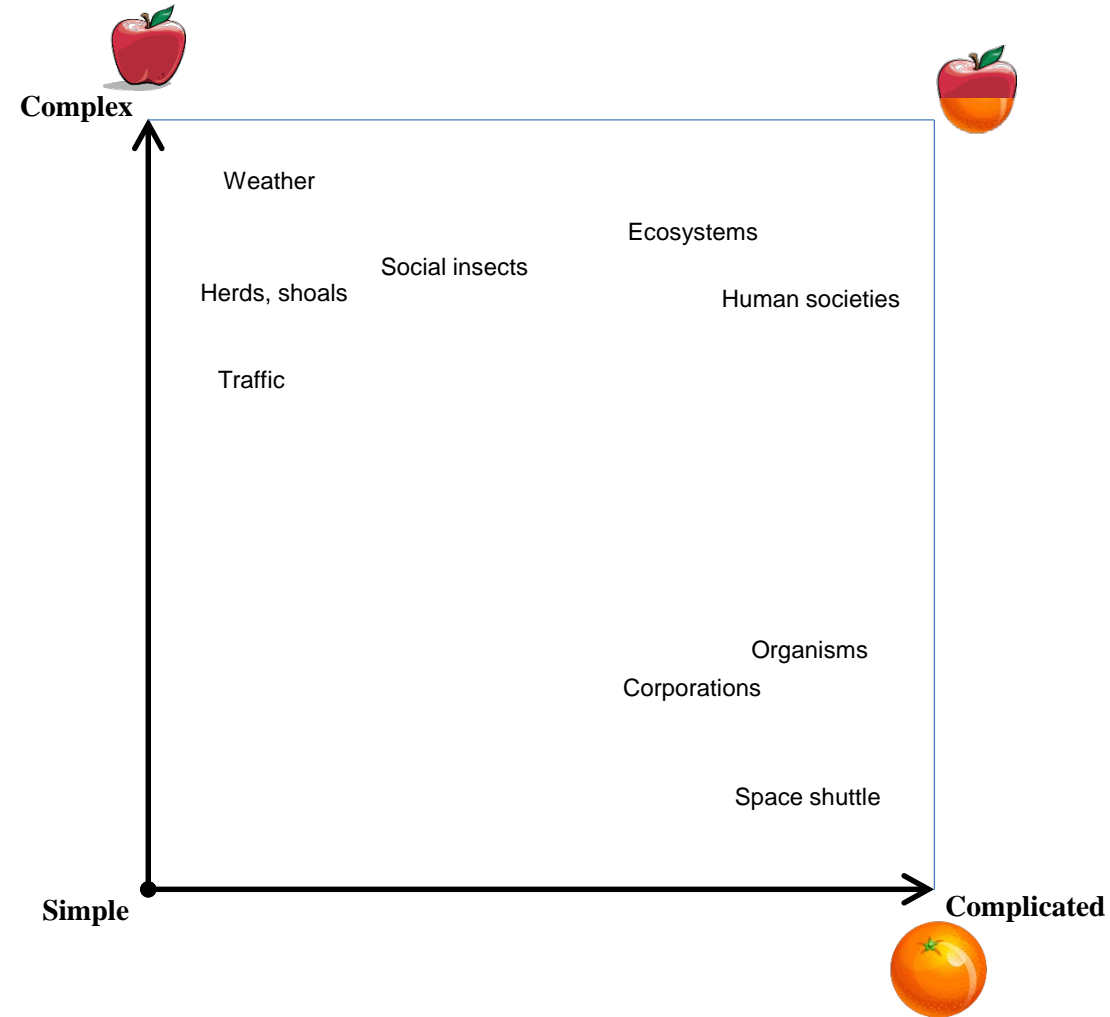
**Complexity and
complicatedness represent two
major hurdles to understanding**

**... as evidenced by the fact that
they correspond to two major
and distinct methodological
scientific paradigms.**

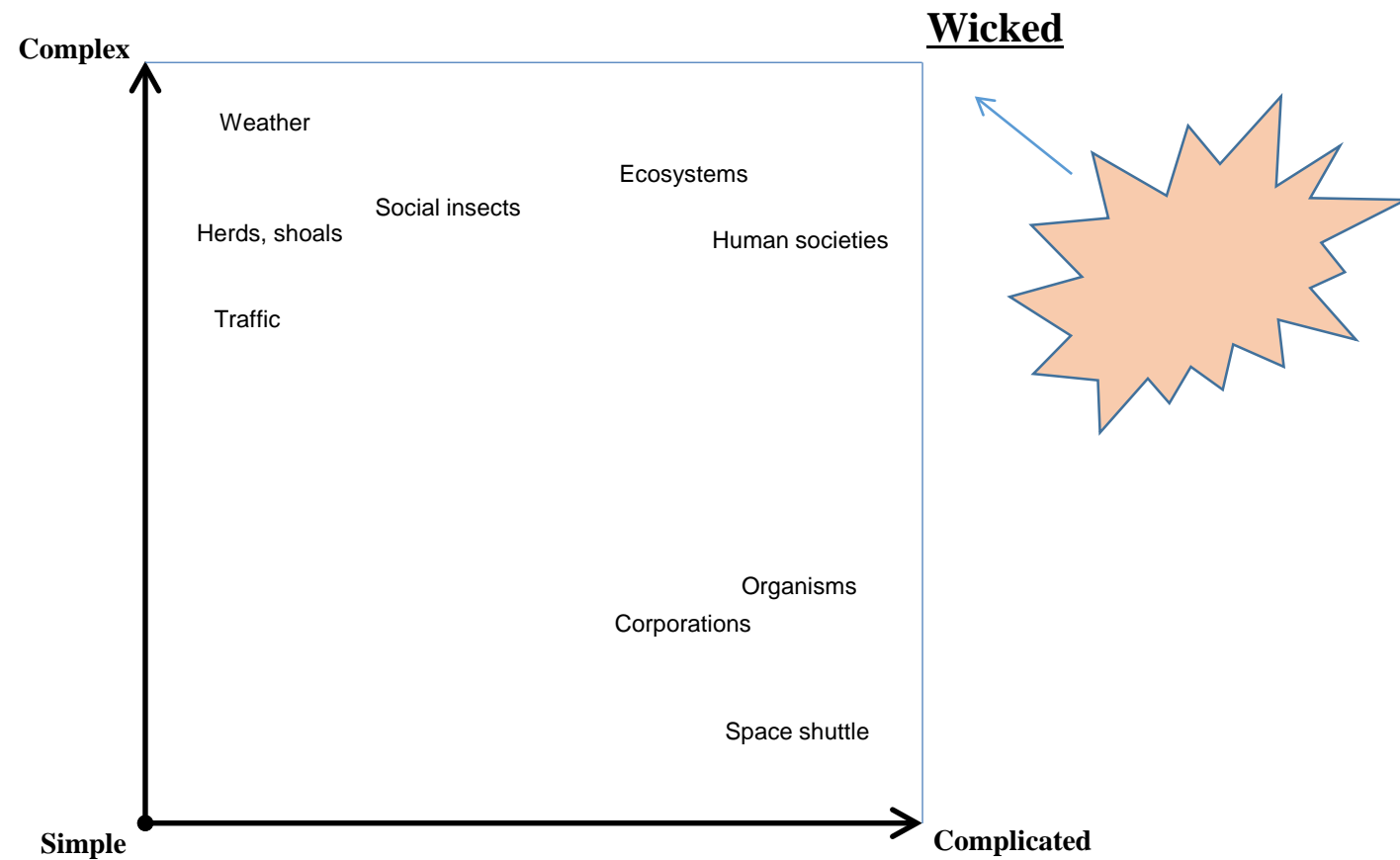
Let's separate the apples from the oranges...



...to map our example systems into a plane instead.



A new class of systems?



Spectrum of Overwhelming Systems (SOS): Complex, Complicated and Wicked

