

Agriculture Food Nature Transition Model

An open source, open data, free of charge quantitative strategy and policy development transition model that connects the agriculture, food and nature systems



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Incentive

The current far-from-equilibrium state, ecologically and economically, of the agriculture, food and nature system.

Objective

Enable quantitative strategy and policy development towards sustainable equilibria in the agriculture, food and nature system through an open source, open data free of source transition model.

Approach

Modelling based on top-down and bottom up approach connecting the CBS Mineral Balance, CBS Plant and Animal Production data as well as FAO balances and CVB livestock data.

Results

A first prototype of the Agriculture Food and Nature transition model including documentation.

Next steps

In phase 2 in the first half of 2020 we will improve and expand the prototype to obtain V2.0 of the model. In phase 3 in the second half of 2020, we will turn this version into an interactive, online application.



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