

EXIOMOD 2.0



EXIOMOD 2.0: input and outputs

- ❑ **EXIOMOD 2.0 is a macro-economic model that computes economic consequences of energy transition plans**
 - Employment per sector,
 - Output per sector,
 - Household consumption,
 - And more...
- ❑ **EXIOMOD 2.0 is a model that**
 - Is written in GAMS
 - Build according to a top-down algorithm
 - Optimizes by equalizing total supply and total demand
 - Is flexible in choice of region, product and industry aggregation
 - Is flexible model building blocks
- ❑ **EXIOMOD 2.0 requires as input**
 - Supply and use tables (currently EXIOBASE 3.3, base year 2011)
 - Scenario assumptions (e.g. GDP, population, electricity mix)

INPUT

Supply and Use tables

Scenario assumptions (e.g. GDP, population, electricity mix)

EXIOMOD 2.0

Written in **GAMS**

Build according to a **Top-Down** algorithm

Optimizes by **equalizing total supply and total demand**

OUTPUT

-Employment per sector
-Output per sector
-Household consumption
-Prices indices
-Trade

EXIOMOD 2.0: Use cases

- **Examples of case studies for which EXIOMOD has been used in the past**
 - **What is the economic impact of fuel efficiency measures in Heavy Duty Vehicles in Europe?**
 - **What are environmental impacts of potential circular economy measures in the Netherlands?**
 - **What are economic impacts of potential circular economy measures in two Dutch provinces?**

Thank you, questions?



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