



EUROMOD Software

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EUROMOD Annual Meeting 2021

Outline

1. Licensing of EUROMOD
2. Distribution of beta versions
3. Collaboration
4. Visual identity
5. New functionalities
6. Planned developments
7. EUROMOD website
8. EUROMOD-JRC Interface

1. Licensing of EUROMOD

- Finished at the beginning of 2021.
- Shared copyright: European Union, Institute for Social and Economic Research, University of Essex.
- New releases already produced and distributed by the JRC under the new licenses.

1. Licensing of EUROMOD

- EUROMOD model (xml files which contain the coded policy rules):
 - Licensed under Creative Commons Attribution 4.0 International (CC BY 4.0) licence (Open Source).
 - Available for download at the JRC-EUROMOD website:

<https://euromod-web.jrc.ec.europa.eu/access-euromod>

Model

The model is a set of xml files which contain the coded policy rules.

It also includes a training dataset that can be used with all country models; [the Hypothetical Household Tool \(HHoT\)](#) can be also used to create hypothetical datasets to be run with the model. If you would like to request survey-based input microdata, please see next point.

The coded policy rules are distributed under the Creative Commons Attribution 4.0 International (CC BY 4.0) licence (Open Source) since EUROMOD I3.0+.

Public release - stable version (January 2021)

[EUROMOD model I3.0+](#) [Release notes](#)

Beta versions

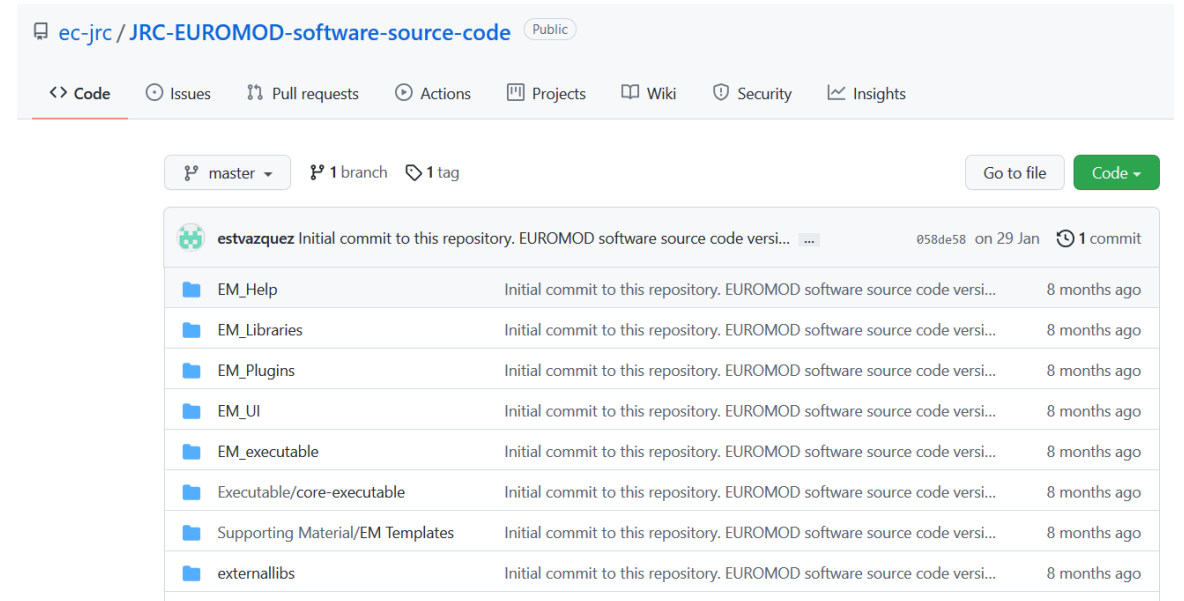
[EUROMOD model I3.86+](#) - [Release notes](#) (September 2021)

[EUROMOD model I3.40+](#) - [Release notes](#) (April 2021)

1. Licensing of EUROMOD

- EUROMOD software source code:
 - Licensed under the European Union Public License 1.2 (EUPL-1.2 License).
 - Available for download from GitHub website:

<https://github.com/ec-jrc/JRC-EUROMOD-software-source-code>



ec-jrc / JRC-EUROMOD-software-source-code Public

<> Code Issues Pull requests Actions Projects Wiki Security Insights

master 1 branch 1 tag Go to file Code

estvazquez Initial commit to this repository. EUROMOD software source code versi... 058de58 on 29 Jan 1 commit

EM_Help	Initial commit to this repository. EUROMOD software source code versi...	8 months ago
EM_Libraries	Initial commit to this repository. EUROMOD software source code versi...	8 months ago
EM_Plugins	Initial commit to this repository. EUROMOD software source code versi...	8 months ago
EM_UI	Initial commit to this repository. EUROMOD software source code versi...	8 months ago
EM_executable	Initial commit to this repository. EUROMOD software source code versi...	8 months ago
Executable/core-executable	Initial commit to this repository. EUROMOD software source code versi...	8 months ago
Supporting Material/EM Templates	Initial commit to this repository. EUROMOD software source code versi...	8 months ago
externallibs	Initial commit to this repository. EUROMOD software source code versi...	8 months ago

1. Licensing of EUROMOD

- EUROMOD software (compiled version):
 - Licensed under an End-user license agreement.
 - Available for download at the JRC-EUROMOD website:

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Software

The EUROMOD software includes the user interface, its underlying calculator and some plugins. It is distributed under an [End-user licence agreement](#).

Latest version (September 2021)

[EUROMOD installer v3.4.6 \(64 bit\).zip](#)

[EUROMOD installer v3.4.6 \(32 bit\).zip](#)

Previous versions

[EUROMOD installer v3.4.3 \(64 bit\).zip](#) / [EUROMOD installer v3.4.3 \(32 bit\).zip](#) (April 2021)

2. Distribution of beta versions

- Since April 2021, JRC distributes the beta versions (previously known as EUROSTAT release and Internal release) through their website.
- Beta versions I3.40+ and I3.86+ already available.

Model

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It also includes a training dataset that can be used with all country models; [the Hypothetical Household Tool \(HHoT\)](#) can be also used to create hypothetical datasets to be run with the model. If you would like to request survey-based input microdata, please see next point.

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Public release - stable version (January 2021)

[EUROMOD model I3.0+](#) [Release notes](#)

Beta versions

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[EUROMOD model I3.40+](#) - [Release notes](#) (April 2021)

3. Collaboration

- During 2021, several institutions have collaborated in the development of EUROMOD:
 - University of Essex: improvements and bug fixing to the software.
 - Hellenic Council of Economic Advisors and University of Essex: development of the in-depth analysis plugin.
 - Southern African Social Policy Research Insights (SASPRI): new templates for the Statistics presenter to be included in the software - INDOMOD project.

Contributions are opened to any institution or individual!

- Version Control now used by almost all National Teams and for Technical Assistance projects.

4. Visual identity

- Temporary changes to the icon in the software and documentation in order to comply with European Commission guidelines.
- Working on a new visual identity (more details in session 3):
 - Using the previous EUROMOD icon as an starting point.
 - Redesigned and updated.
 - Fully compliant with Commission guidelines.
 - To be used in the software, website and all EUROMOD documentation.
 - Available very soon!



5. New functionalities

- In-depth analysis plugin:
 - Developed as a part of the project “Supporting the microsimulation hub of the Council of Economic Advisors” in Greece, funded by the European Commission’s Structural Reform Support Programme and implemented by the Joint Research Centre through an administrative arrangement with DG REFORM.
- Bug fixing, mainly to version control.

6. Planned developments

- User interface of **Version Control** will be completely redesigned in order to increase user-friendliness.
- Help file will be updated.
- Continuous bug fixing.

7. EUROMOD website

- Fully functional:

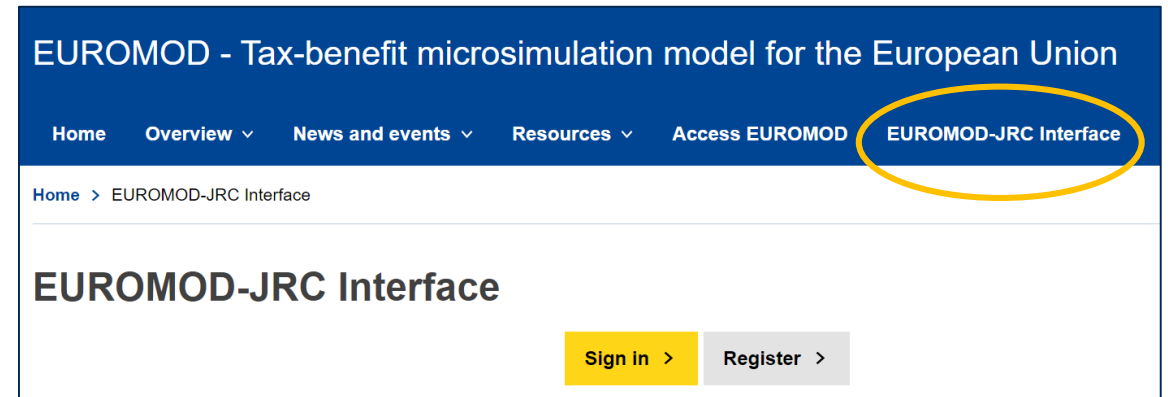
<https://euromod-web.jrc.ec.europa.eu/>

- Under continuous update and development.
- Provides access to the software, model and to the forms to request the datasets.
- New areas will be added:
 - Projects and Publications (End of 2021)
 - Documentation (2022)

The screenshot shows the EUROMOD website homepage. At the top left is the European Commission logo. To its right is a search bar with the text "Search". Below the logo is the text "Research and Innovation". The main header is a dark blue bar with the text "EUROMOD - Tax-benefit microsimulation model for the European Union". Below the header is a navigation menu with links: "Home", "Overview", "News and events", "Resources", "Access EUROMOD", "EUROMOD-JRC Interface", and "Contact". Below the navigation menu is a "Home >" link. The main content area features a large blue banner with the text "Welcome to EUROMOD Website" and a description of the model. Below the banner is a yellow button labeled "Find out more >". Below the banner are three columns of content: "Latest News" with three entries, "Upcoming Events" with one entry and a "ALL EVENTS" button, and "Newsletter" with a "Current and archived Newsletters" link, an email input field, and a "Submit" button.

8. EUROMOD-JRC Interface

- A simplified **online** access to EUROMOD.
- Since April 2021, the interface is open to any researcher or policy analyst.
- No need to request access to EU-SILC data (only aggregate results are provided).
- Allows users to:
 - Simulate reforms on Personal Income Taxes (PIT) and Social Insurance Contributions (SIC).
 - NEW! Estimation of medium-term effects using parameters from a VAR model.
 - NEW! Running simulations with hypothetical data created with the EUROMOD's [Hypothetical Household Tool \(HHoT\)](#), instead of EU-SILC based data



Keep in touch



EU Science Hub: ec.europa.eu/jrc



@EU_ScienceHub



EU Science Hub – Joint Research Centre



EU Science, Research and Innovation



EU Science Hub

Thank you



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