IAEA's Tool for Energy Supply System Assessment
MESSAGE Installation Session

IRENA-ECREEE Workshop on Energy Planning

10-12 December 2012, Abidjan, Cote D'Ivoire

Mario TOT

Planning and Economic Studies Section

Department of Nuclear Energy

IAEA
International Atomic Energy Agency

MESSAGE Installation

- Current version dates from April 2011

- Can be installed on Windows XP/Vista/7

- Installation procedure is similar to any other software

- To install and use the model user should have right to create/modify folders

- By default the model is installed into "Programs/MESSAGE_Int" directory

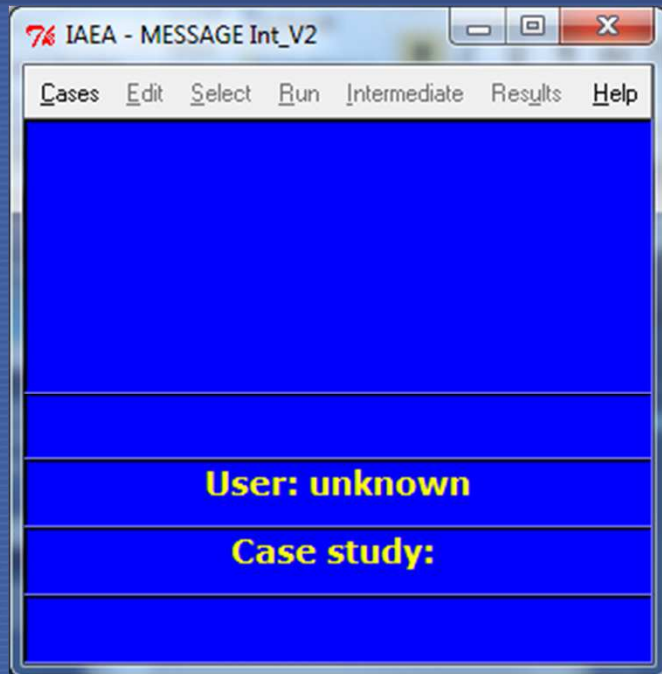 - Destination can be changed

IAEA

Attention!

- If there is a version of MESSAGE already installed on the computer it is possible to install/update software only or to reinstall it (IN THE LATER CASE MODEL DATA DEVELOPPED IN AN EARLIER VERSION WILL BE LOST)

- It is recommended to save/backup all model data before reinstallation
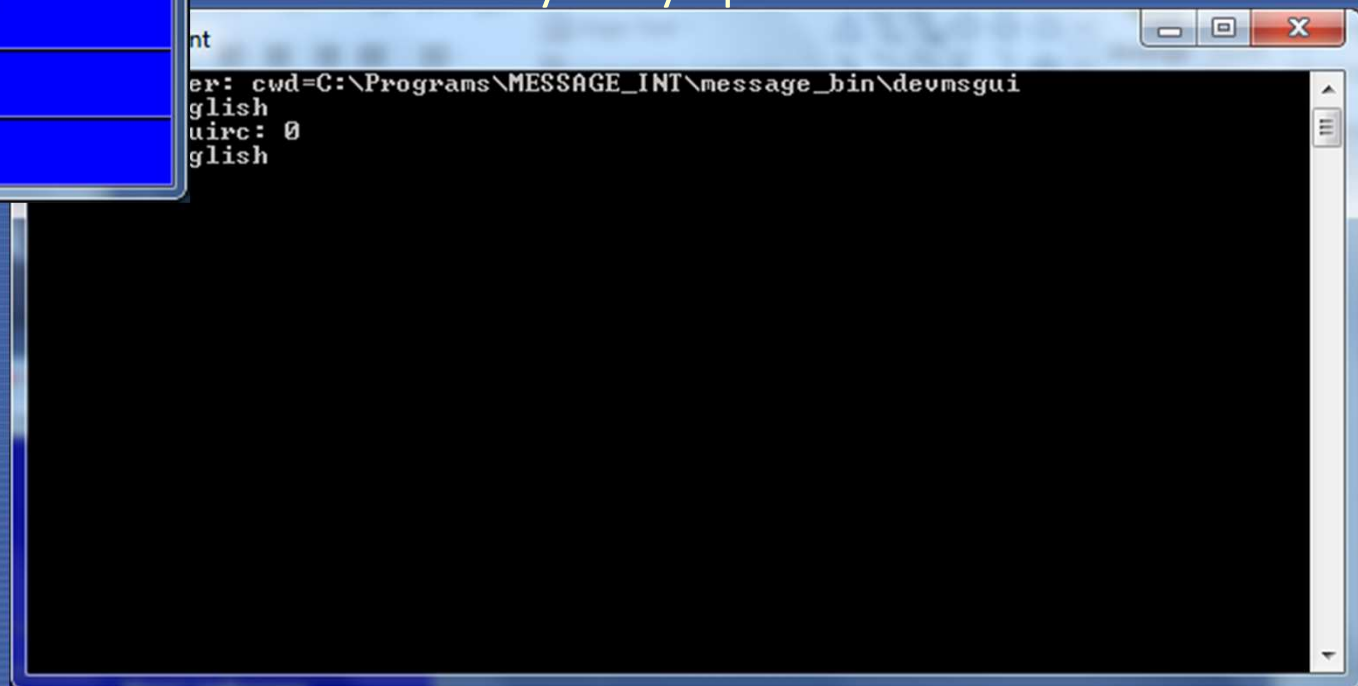
IAEA

Installed Components

- MESSAGE user interface
  - Available in English, French, Spanish and Russian
- Matrix generator
- Free solver (glpk)
  - Support for commercial solver cplex is in-build, but the license must be procured separately – IAEA can support member countries in license acquisition
- Demonstration Cases (Demo cases)
- User manual (English)

IAEA

After Installation - Start

- "Blue" Screen to operate the model

- "Black" Screen to view model messages (log)
- Must always stay open
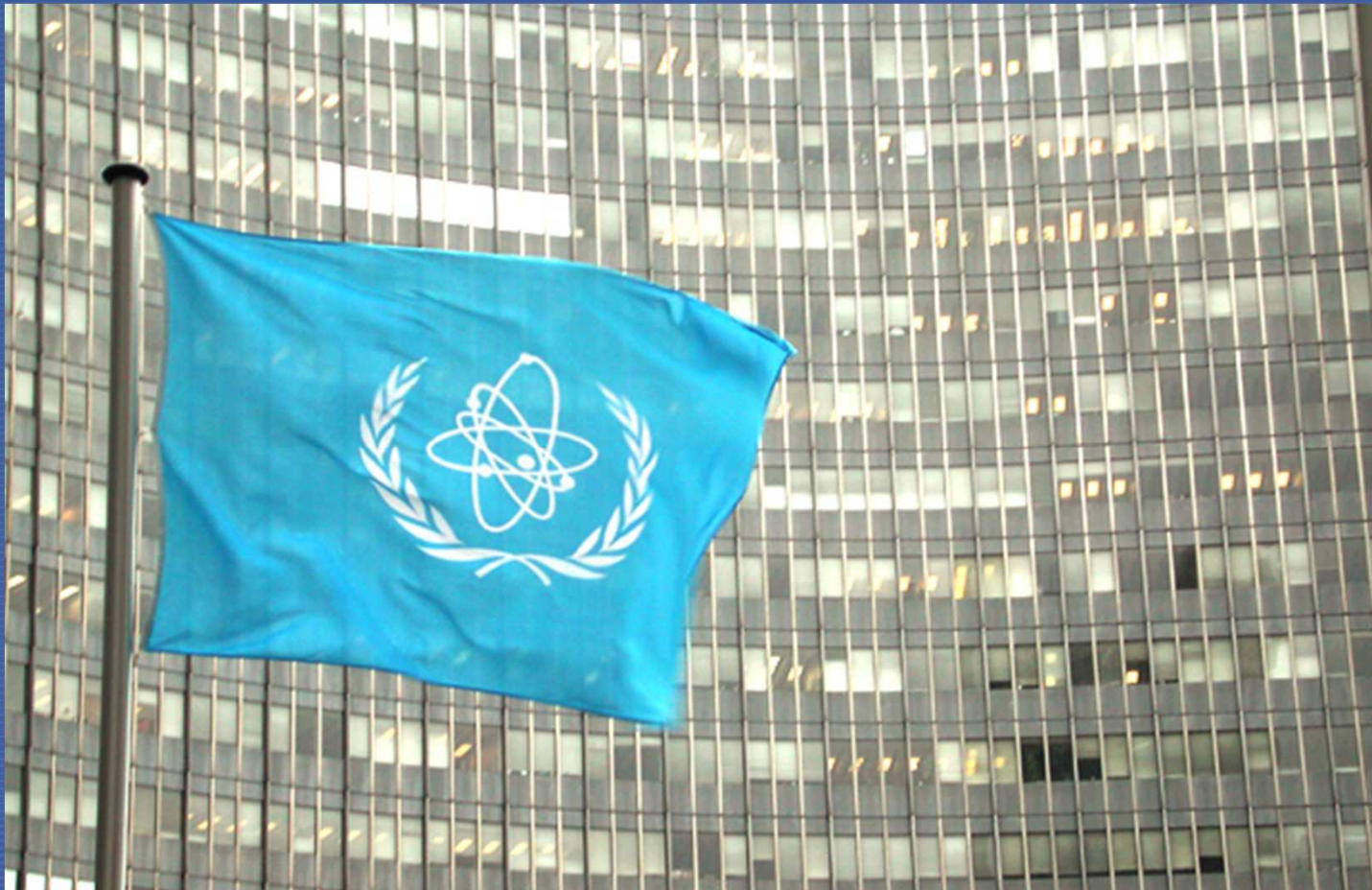
Main Model Operations

- Create

- Open

- Save

- Backup

- Restore

- Run model

- Extract results

IAEA

MESSAGE Release Form - Terms and Conditions

- Package is not to be sold or used to provide services for a fee
- Package is not to be released to another State or International Organization without the advance written approval of IAEA
- IAEA makes no claims regarding the usefulness of the package and assume no liability arising from its use for any purposes
- Member State or International Organization will inform IAEA of any innovations or improvements made to the package and make these available to IAEA
- Member State or International Organization shall designate an institution or a senior person with whom the IAEA could correspond (Liaison Officer)
- Member State may authorise its "national" (or "principal") Liaison Officer to release the package to non-commercial institutions and organizations within the country under the same terms and conditions set out above

IAEA

IAEA

... atoms for peace.

IAEA