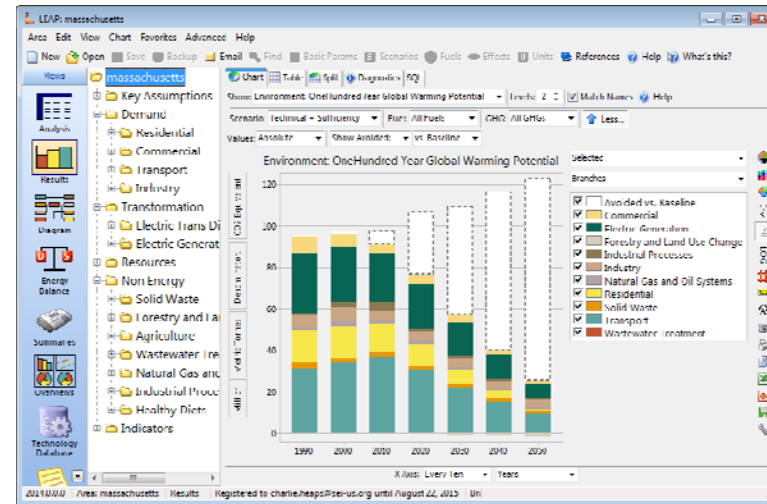
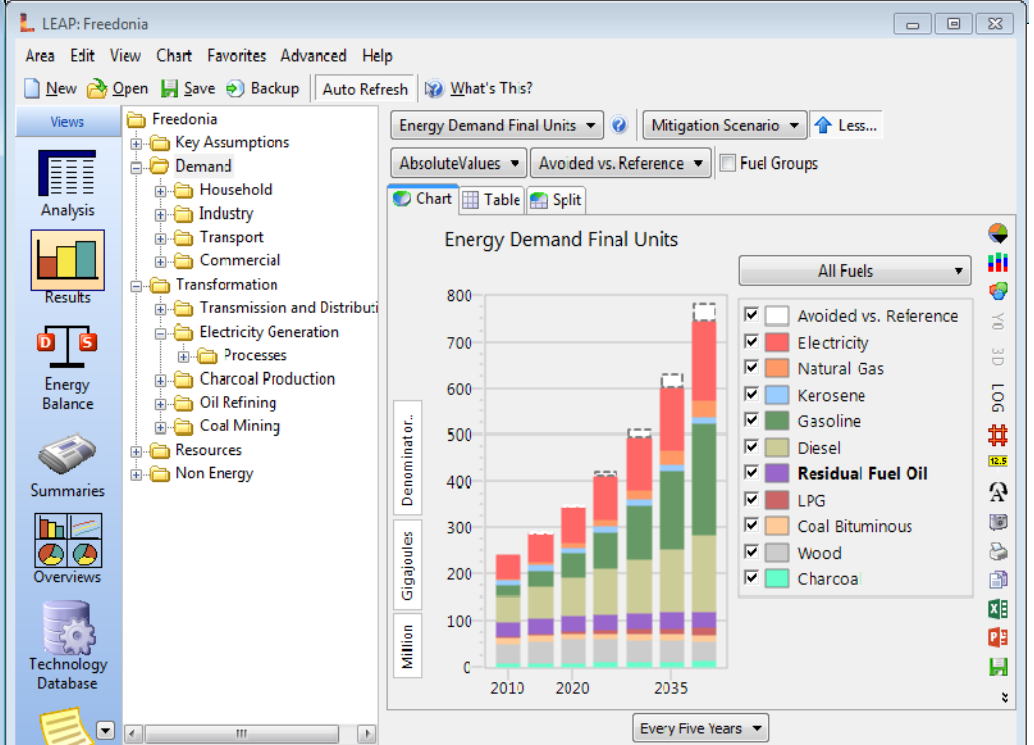
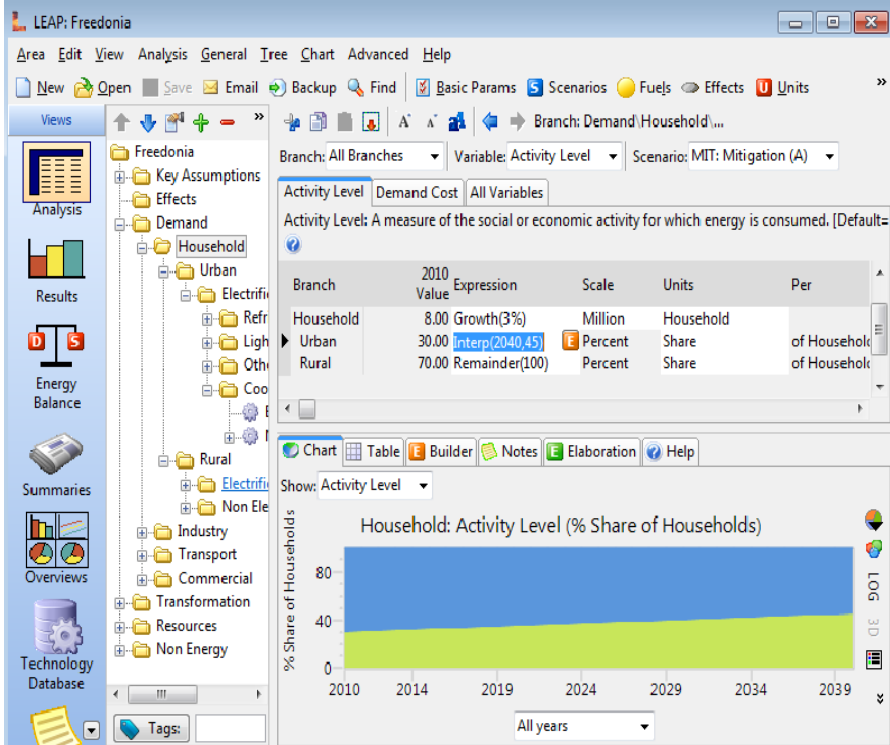
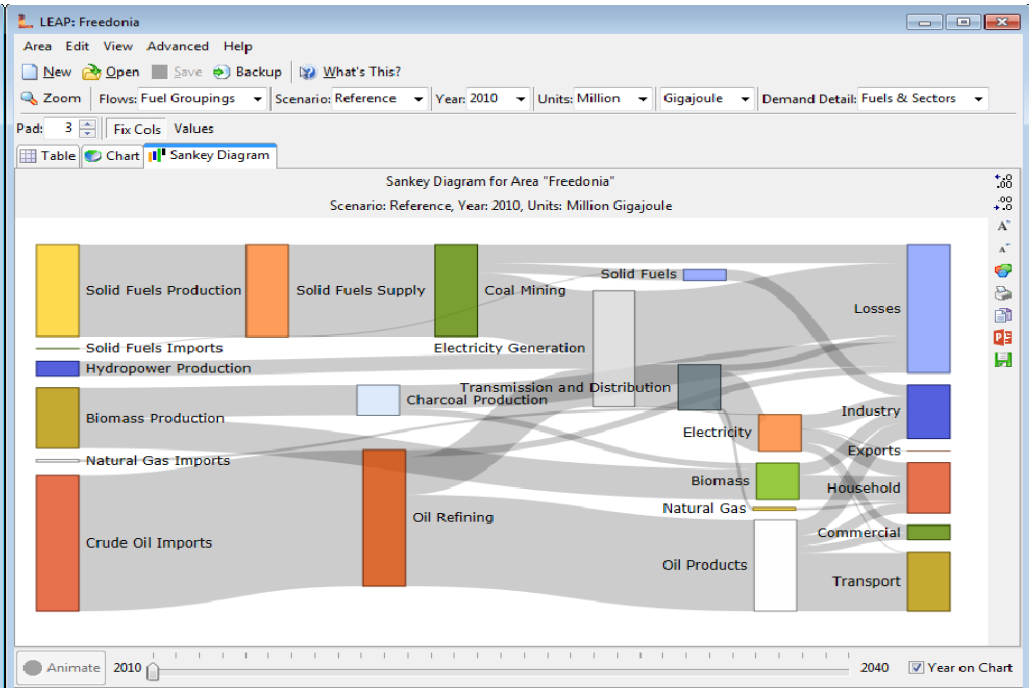


# Long-range Energy Alternatives Planning System

- Graphical, scenario-based modeling software for energy planning and GHG mitigation assessment.
- Broad scope, low initial data requirements, flexible data needs, powerful results visualization.
- Not a model: a decision support tool for creating models of different energy systems.
- Supports multiple methodologies including engineering and econometric simulation and optimization using OSeMOSYS.
- Widely used in developing countries for energy planning, low emission development strategies, INDC preparation and planning of SLCPs.
- Thousands of users in 190 countries.

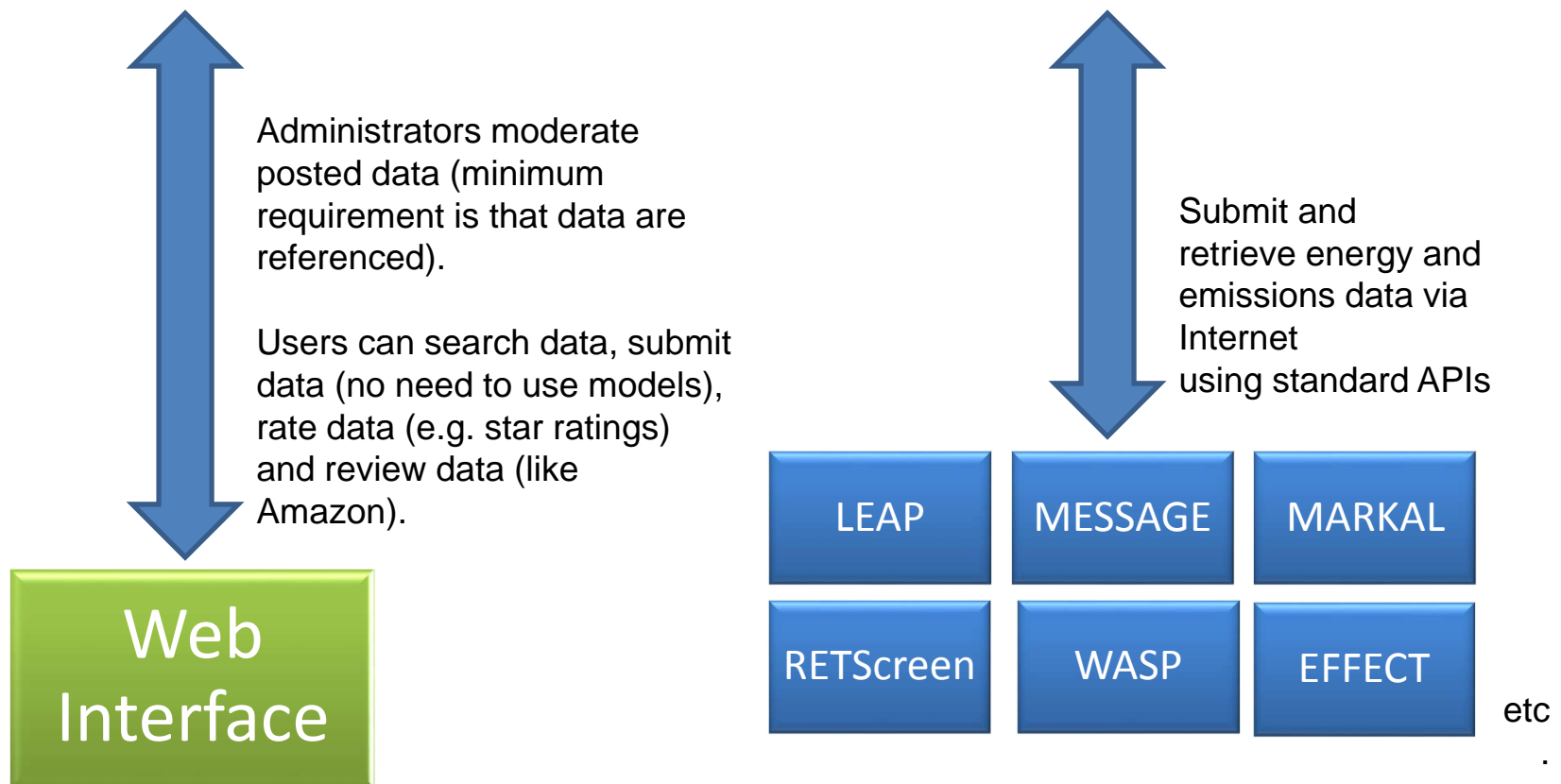


- API and links to Office. Can be used in connection with other tools (e.g. WEAP for water modeling & the CCAC SLCP toolkit).
- Useful at different scales: cities, states, countries, regions, globally.
- Long-range perspective, annual time step with seasonal/time-of-day details.



# Open Source, Cloud-based Environmental Technology Database

(In early development)



# To Be (Open Source) or Not to Be..

- Developed by SEI over more than 30 years, Disseminated for free to developing country NGOs, Govts and academics. Sold to other private sector with funds used to provide support and development to those with free licenses.
- LEAP data sets are transparent and easily shared. National data sets based on IEA, IPCC, UN and World Bank data developed for 105+ countries and made available for free to users.
- LEAP is not currently open source, but SEI interested in exploring this. To date few users of LEAP have expressed a need for this, perhaps in part because LEAP already has a fairly powerful API that allows it to connect to other tools. Few LEAP users are expert modelers or coders.
- Would like this group's insights on questions such as:
  - Why move to open source?
  - Any experiences of moving from closed source to open source model.
  - LEAP is developed using Delphi, which is no longer as popular as it used to be. Is this an issue for open sourcing?
  - It also relies on many commercial components (e.g. maps, charts), that themselves are not open source. Is this an issue?
  - Any suggestions for compensating for lost revenue through open sourcing?
  - If we open source, which licensing model would be most suitable?