

Gekko steering committee meeting, September 10, 2026, 14-15:30 at the DREAM Group¹

Proposed agenda

1. Welcome + choice of minute taker + approval of last year's minutes.
2. Editor's report regarding 2025-26.
3. Status and feedback regarding Gekko 3.2 (and 3.3.x)
4. Prioritization of main lines regarding 2026-27
5. Organization and choice of editor for the next period
6. Date of the next meeting + any other business

¹ Links: Gekko main webpage: www.t-t.dk/gekko, organization: www.t-t.dk/gekko/organization. Gekko on GitHub: <https://github.com/thomsen67/GekkoTimeseries>.

Re item 4: Prioritization of main lines regarding 2026-27

Some possible projects and considerations:

1. A pilot project for the GREU (GrønREFORM EU) model using Julia is under way. What would a Julia modeling environment (that replaces GAMS + gamY) mean for Gekko, for instance regarding capabilities like PLOT, DECOMP, flowgraphs? Could other Danish models end up using Julia long-term?
2. What does the Statistics Denmark DUAL project mean for Gekko long-term?
3. Porting Gekko from .NET Framework to .NET Core would ensure that Gekko can run without problems also after the .NET Framework is phased out (beginning slowly around 2030). Porting is easier nowadays due to AI.
4. It could be an interesting project to see if AI could also help port the Gekko graphical user interface windows (GUI) to [Avalonia](#). Given Avalonia, Gekko could run as a Linux application, too, for instance on a server. Avalonia is cross-platform and is expected to live on for years to come.
5. Seasonal adjustment. Get JDemetra+ up and running from inside Gekko (requires users to install a Java Runtime, using the so-called “cruncher”). The Quarterly National Accounts know how to do this and can help.
6. Are there any missing DECOMP or flowgraph features? For some analyses, it can be easy to loose track when decomposing for instance MAKRO, and some pooling of contributions (over sets) might help. Special issues for a model like GrønREFORM/GREU. Negative depths for flowgraphs is a really good idea!
7. More features regarding equation html browser, for browsing GAMS models online, without needing to install Gekko?
8. Easier data-comparisons (COMPARE statement), with a window that allows drag/drop of two folders. The window could for instance plot the number of deviations per period, and make it possible to change options on the fly.
9. Data tracing: anything missing regarding this?