XVII EAAE Congress – Pre-congress workshop
Summary

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SPEAKERS

- Astrid Bos, PBL
- Ignacio Perez Dominguez, JRC
- Hubertus Gay, OECD
- Tassos Haniotis, IIASA
- Petr Havlík, IIASA
- Lennart Kokemohr, Ruralis
- Tamás Krisztin, IIASA
- Ipsita Kumar, IIASA
- Hans van Meijl, WeCR
- Peter Witzke, Eurocare

KEY POINTS

The workshop began with a warm welcome from LAMASUS and BrightSpace, highlighting the importance of setting baseline scenarios in land-use and management modeling. Tassos Haniotis emphasized the need for plausible baseline scenarios that reflect the most recent developments, as they play a crucial role in influencing policy debates. Key considerations include geopolitical threats and climate impacts. Hubertus Gay from OECD and Ignacio Perez Dominguez from JRC discussed the fresh OECD baseline for 2023-32, emphasizing the importance of a plausible story behind baseline projections rather than pure forecasts. They also indicated that for selected variables a stochastic baseline is available reflecting a range of plausible outcomes. Tamás Krisztin presented lessons learned from AgCLIM50 V and highlighted the ongoing efforts in baseline development by BrightSpace and LAMASUS. Peter Witzke provided an overview of the current (model specific) baselines for CAPRI, GLOBIOM, MAGNET, and IMAGE models. The mode specific contribution to baseline development was also discussed. Individual model baseline presentations by Ipsita Kumar (GLOBIOM), Eurocare (CAPRI), Hans van Meijl (MAGNET), IMAGE, and Lennart Kokemohr (FARM DYN) emphasized the importance of aligning drivers while maintaining model diversity to avoid overfitting. Tamás Krisztin discussed tools such as common reporting templates, Scenario Explorer, and statistical approaches, which are essential for aligning baseline models. These tools ensure data consistency and help avoid errors.

The workshop concluded with several key takeaways and future plans:

- There is a clear need to close reporting gaps across the EU and agree on a reference model version for all teams.
- Establishing reference main drivers that are shared across modeling teams is crucial.
- Scenario Explorer is expected to be fully operational for file handling and analysis by the end of September, facilitating further comparisons.
- By the end of October (M12), teams will re-run reference versions of models, upload results, and driver data to the portal.
- In November, comparisons will be presented and discussed, and strategies for the implementation of CAP strategic plans will be agreed upon.

- By the end of April (M18), efforts will focus on improving baseline alignment across model outputs, with CAP strategic plans already represented.
- The end of August will mark the finalization of the baseline with CAP strategic plans for the BrightSpace stakeholder meeting.

SUMMARY

In summary, the workshop emphasized the importance of developing plausible baseline scenarios in land-use and management modeling to influence policy debates effectively. It highlighted the significance of aligning models in terms of drivers while maintaining diversity and using essential tools for data consistency and error prevention. The outlined next steps aim to ensure the relevance and accuracy of medium-term forecasts for the agricultural sector.

PICTURES FOR DISSEMINATION

Figure 1 Hubertus Gay, OECD

Figure 2 Peter Witzke, Eurocare

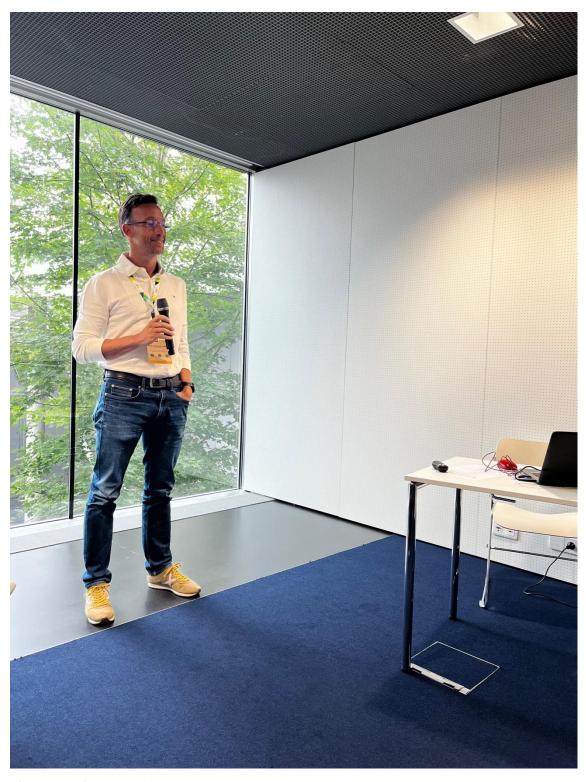*Figure 3 Petr Havlík, IIASA*

Figure 4 Tassos Haniotis, IIASA

Figure 5 Ignacio Perez Dominguez, JRC

Figure 6 Hans van Meijl, WEcR