

TOPPS

Water Protection



Outlook TOPPS 2019+



Photo by Yulian Alexeyev on Unsplash

„Empowering farmers to protect water“

*Dr. Volker Laabs, BASF SE
TOPPS Chairman, November 2018*



TOPPS 2019+ Project Objectives

- Develop and optimize farmer outreach and decision-support tools
- Set up TOPPS catchments to...
 - demonstrate efficiency of water protection concept and BMPs*
 - test and fine tune farmer engagement approaches
- Maintain and expand strong TOPPS partner and EU expert network for water protection in agriculture
- Contribute to goals of EU Water Framework Dir., Sustainable Use Dir., and CAP reform



Photo by rawpixel on Unsplash



Photo by C Wiedinger on Unsplash

*BMPs: Best management practices (diagnosis + measures)

TOPPS 2019+ Project Modules

1. Strengthen the dissemination and uptake of BMPs via
 - development of web-based decision support tools
 - reach-out to farmer schools/ universities and associations
2. Demonstration catchment initiatives to showcase BMP effectiveness and develop stakeholder cooperation blueprints
3. Maintain training/partner platforms in countries to
 - keep training materials updated
 - provide lighthouse trainings at country level
 - conduct an international TOPPS Expert Academy (in 2020)

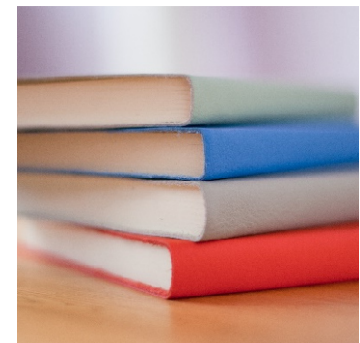


Photo by P. Zoeteijer on Unsplash

Module 1: New DS-Tools and Stakeholders

Tasks

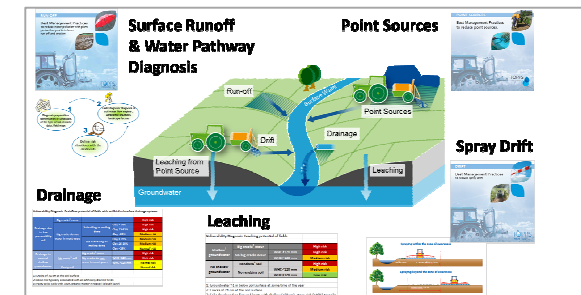
- Decision Support tool for ***holistic catchment diagnosis***
 - develop web-based tool to diagnose field vulnerability for runoff, drainage and leaching transfer
- Self-diagnosis tool for ***integrated water protection*** on farms
 - develop central landing site webtool for farmer/advisors to access all TOPPS DST uses (FES, spray drift, EOS/Step-Water, ...)
 - pilot uses and translate final tools into relevant languages
- Engage ***new stakeholder groups*** to disseminate BMPs
 - Farmer schools/universities: → learning curricula
 - Farmer/grower associations: → vocational training



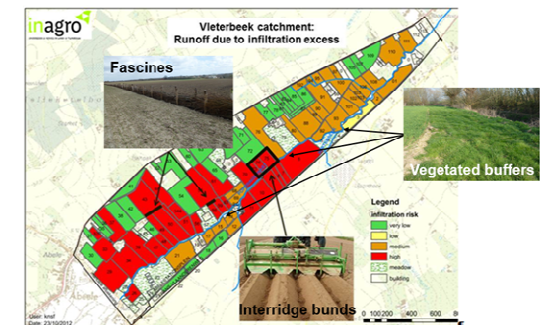
Module 2: Demonstration Catchments

Tasks

- Identify suitable catchments & partners (max. two catchments)
- Conduct initial catchment audit and field vulnerability classification
- Develop catchment management plan as multi-stakeholder activity: Kick-off trainings, infrastructure improvements, BMPs
- Yearly evaluation of BMP implementation progress, water monitoring data:
 - follow-up on unexpected results & learnings



Catchment Management Plan



Module 3: Training & Partner Platforms

Tasks

- **Core countries** (BE, DE, FR, ES, IT, NL, PL)
 - provide basic set of trainings, update of materials
 - engage new stakeholder groups (schools, associations)
- **Extension countries** (GR, HU, PT, RO, SK + 2 new EU MSs)
 - intensify existing training activities, update of materials
 - strengthen expertise and outreach of partners
- **EU TOPPS Academy**
 - Expert workshop: Provide high-level expert trainings on all relevant water pollution pathways



Summary

The TOPPS 2019+ multi-stakeholder project will in the next 3 years...

- Produce new state-of-the-art training and decision support tools for water protection in agriculture
- Provide „seeing is believing“ experiences in demonstration catchments
- Continue to bring together an EU network engaged for achieving practical and effective waterprotection in modern agriculture

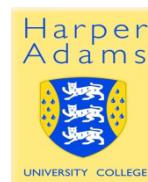




Thank you for your attention!



KNOWLEDGE CENTRE FOR AGRICULTURE



and more...



... and also a big thank you to all of our project partners!