

### DER FORSCHUNG | DER LEHRE | DER BILDUNG

**CARL FRIEDRICH VON** WEIZSÄCKER CENTER

FOR SCIENCE AND **PEACE RESEARCH** 

## BOKU Institute of Safety and Risk Sciences

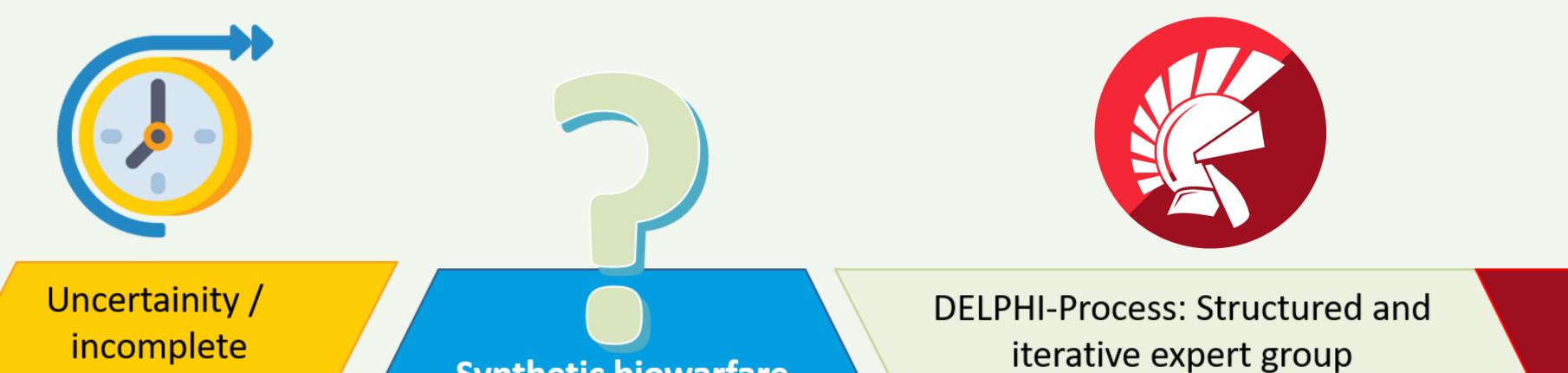
# **Biological Weapons in the Age of** Synthetic Biology

## Dunja M. Sabra, Johannes L. Frieß, Gunnar Jeremias



#### Synthetic bioweapons

Biosecurity assessment of the convergence of synthetic biology with new/innovative technologies



## Survey: Biosecurity Risks and **Synthetic Biology**



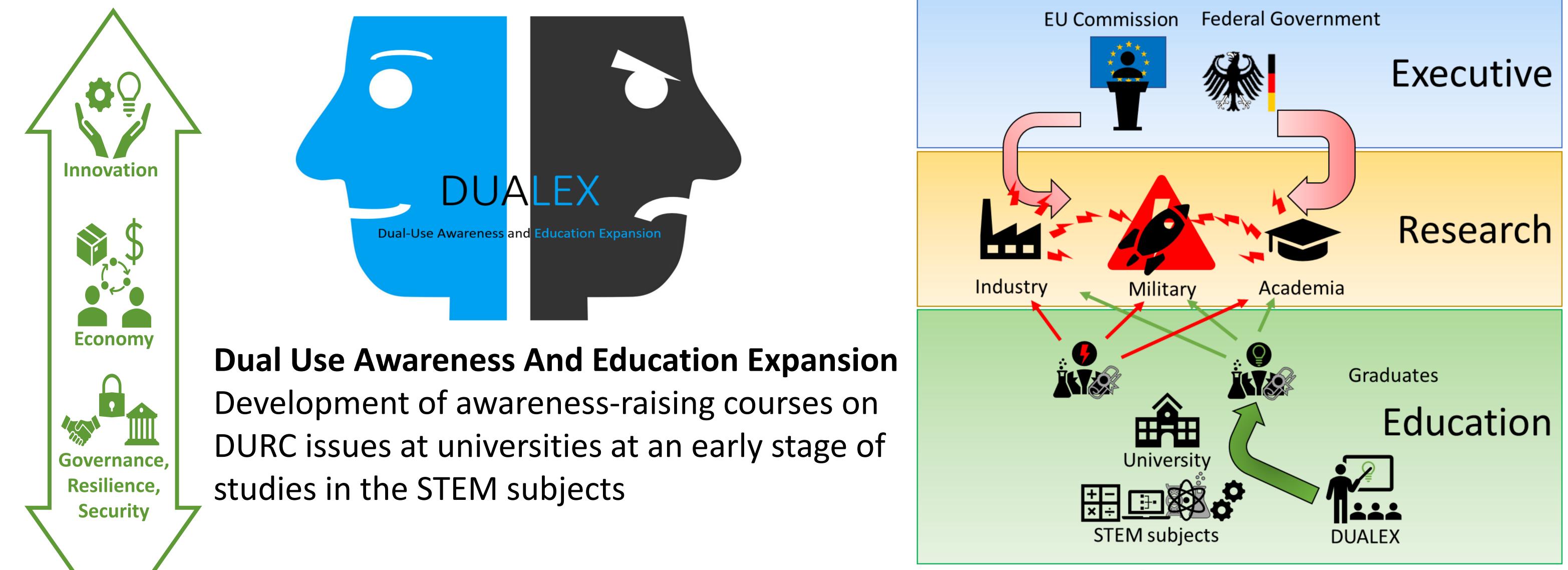
knowledge

Complex future-related issue

Synthetic biowarfare agents and weapons and their biosecurity assessment

communication process

Iterative survey with feedback of aggregated group responses



= Dual-Use Ignorance Q = Dual-Use Awareness





