



Federal Office
of Civil Protection and
Disaster Assistance

Joint Regulations and Guidelines for the Use of Drones in Civil Protection in Germany

PSCE Conference 04.-05.12.2019, Paris



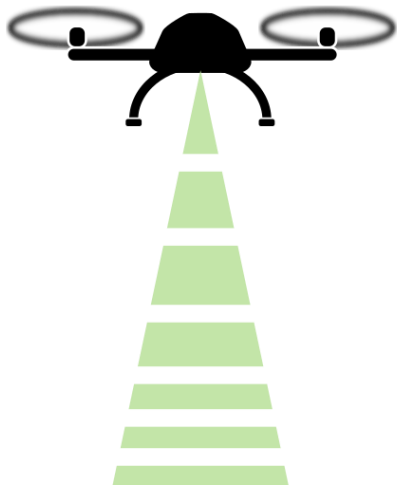
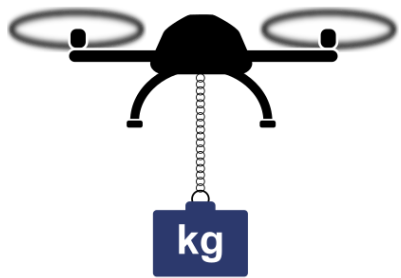
BBK. Working together. Living in safety.

Drones for disaster management – a valuable tool



Photo: Feuerwehr St. Augustin

General capabilities



Current legal framework in Germany

- Since April 2017 [new legal regulation](#) on UAV operations with **specific exceptions for public authorities** and relief organisations
- No permission necessary:
 - Flight with devices up to 25 kg
 - Beyond visual line of sight
 - Over crowd
 - Over sensitive areas (e.g. critical infrastructures, government buildings, etc.)
 - Higher than 100m
 - ...



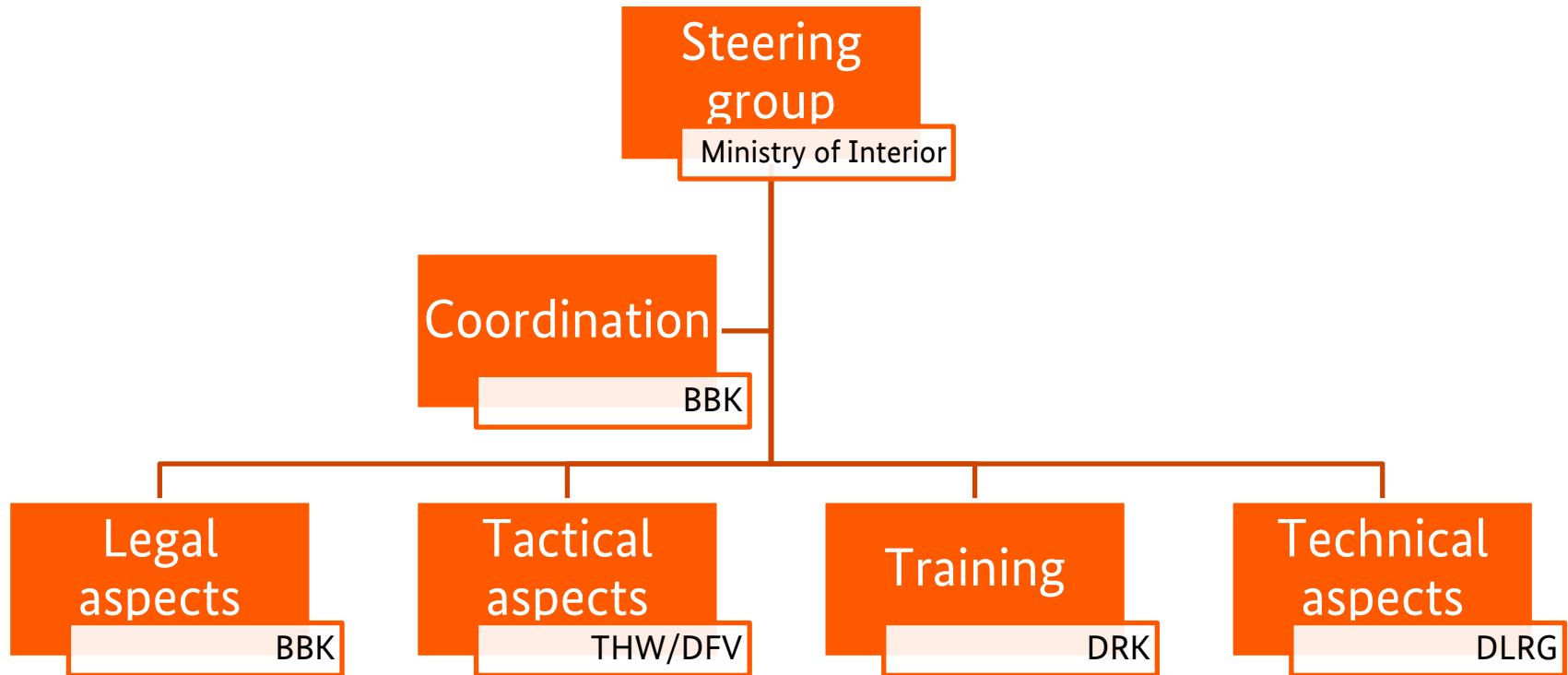
No implementing regulation available for civil protection users

“Drones should become a standard tool for civil protection.”



Photo: BMI / Henning Schacht

Setup of project and timeline



Network of partners



BUNDESPOLIZEI



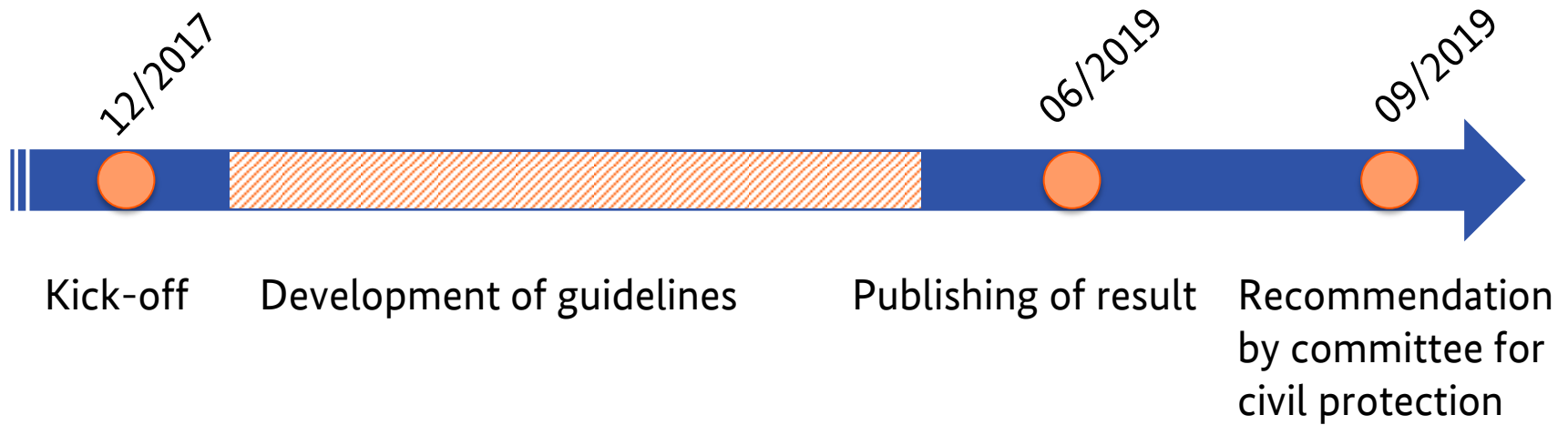
General situation



Requirements for joint regulations

- Agreed by all major organisations
- Usable at all scenarios from single deployment to large scale crisis
- Define minimum standards for all users in civil protection
- Covers elementary topics:
 - Training
 - Risk management
 - Tactical approaches
 - Joint deployments
 - Legal framework

Process and timeline



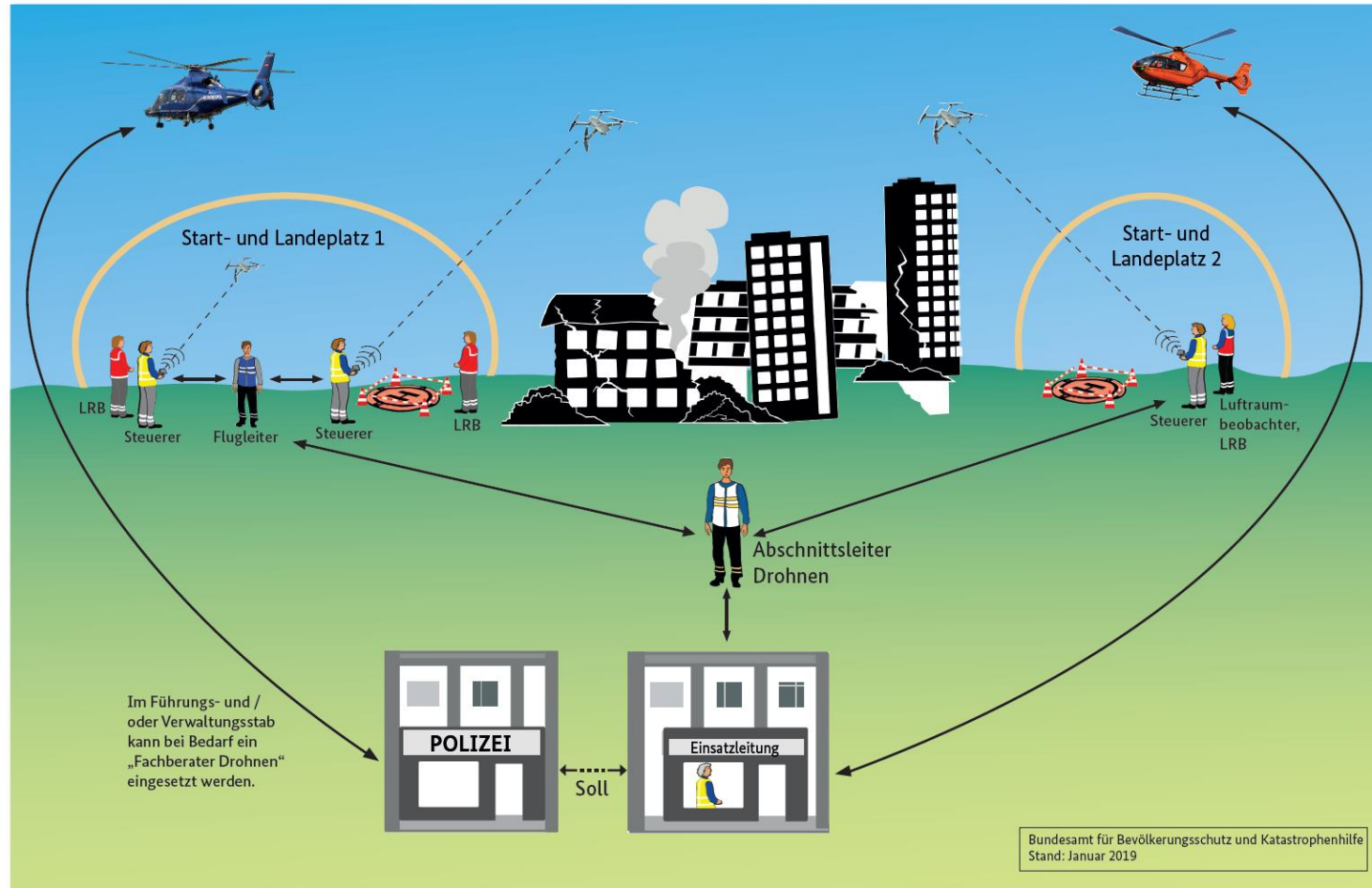
Result

- Joint regulations are available at: www.bbk.bund.de/drohnen (German only)
- Main part (regulations itself)
- Several annexes (guidance material e.g. for risk management, charts, check lists, flight documentation, training guidelines etc.)

The screenshot shows the website of the Bundesamt für Bevölkerungsschutz und Katastrophenhilfe (BBK). The page is titled "Empfehlungen für Gemeinsame Regelungen zum Einsatz von Drohnen im Bevölkerungsschutz". The left sidebar contains a navigation menu with categories such as "Krisenmanagement", "LÜKEX", "Risikomanagement", and "Zivilschutz". The main content area includes a breadcrumb trail "Startseite > Aufgaben > Krisenmanagement > Drohnen" and a sub-header "Empfehlungen für Gemeinsame Regelungen zum Einsatz von Drohnen im Bevölkerungsschutz". The text below the header discusses the new regulations for drone use in civil protection, mentioning that since June 2019, there are now "Empfehlungen für Gemeinsame Regelungen zum Einsatz von Drohnen im Bevölkerungsschutz". A photograph shows a drone flying over a red fire truck. The caption below the photo reads "BBK-Mitarbeiter erprobt den Einsatz von Drohnen im Bevölkerungsschutz" and "Quelle: BBK".

Example: airspace coordination

Verantwortungsbereiche und Zuständigkeiten der Koordinierung mehrerer Luftfahrzeuge an einem Einsatzort



Testing the regulations.....



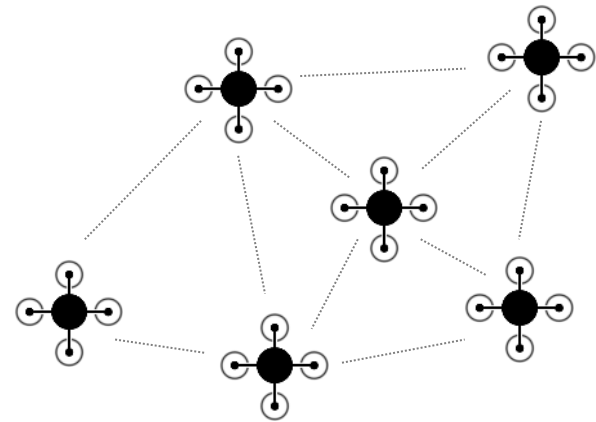
Photos: BBK/ Daniel Tuttenuj





Outlook

- Implementation
- Evaluation
- Adaption to new EU regulations (if necessary)
- ...





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Thank you for your kind attention!

Contact

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