Drones

A drone is a crewless aircraft (uncrewed aerial vehicles (UAVs) or unmanned aircraft systems). A drone is a flying robot that can be remotely controlled or fly autonomously using software-controlled flight plans in its embedded systems, which work in conjunction with onboard sensors and a Global Positioning System (GPS).

UAVs were most often associated with the military. They were initially used for anti-aircraft target practice, intelligence gathering, and, more controversially, as weapons platforms. For military purposes, drones can be sent on missions deemed too dangerous for human pilots in crewed aircraft. Personally owned civilian drones, however, have a range of different professional and recreational uses, including the following:

Search and rescue.
Surveillance.
Traffic monitoring.
Weather monitoring.
Firefighting.
Personal use.
Drone-based photography.

Videography.
Agriculture.
Delivery services.

Source: https://www.techtarget.com/iotagenda/definition/drone
https://www.ilent.nl/onderwerpen/drones
https://www.rdw.nl/particulier/voertuigen/drone/het-vliegbewijs-en-het-exploitantnummer-van-een-drone

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Context of use: Work
Level of education: Other

Impact on society

What impact is expected from your technology?

This category has not been filled yet.

Hateful and criminal actors
What can bad actors do with your technology?

This category has not been filled yet.

Privacy

Are you considering the privacy & personal data of the users of your technology?

This category has not been filled yet.

Technology Impact Cycle Tool

Drones

Human values

How does the technology affect your human values?

This category has not been filled yet.

Stakeholders
Have you considered all stakeholders?

This category has not been filled yet.

Data

Is data in your technology properly used?

This category has not been filled yet.

Inclusivity
Is your technology fair for everyone?

This category has not been filled yet.

Transparency

Are you transparent about how your technology works?

This category has not been filled yet.

Sustainability

Is your technology environmentally sustainable?

This category has not been filled yet.

Future
Did you consider future impact?

This category has not been filled yet.