

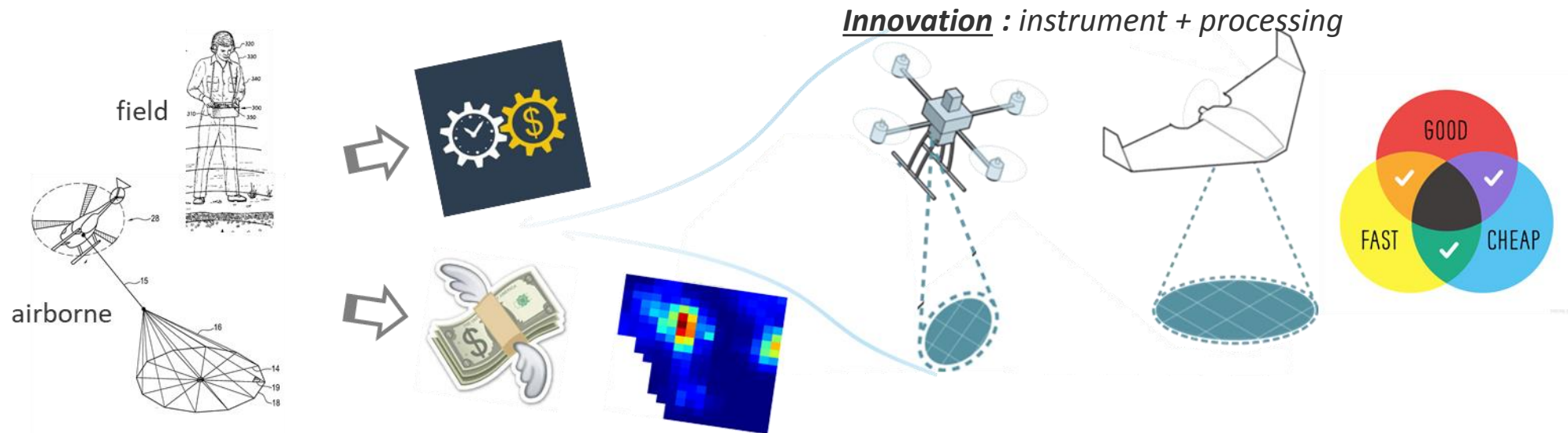
[Operational high sensitivity gamma-ray UAV]

- Exploration/Geophysics/Mineral and environmental monitoring at site scale:

→ **Gamma-ray measurements** is one “standard” tool **used worldwide** in **exploration** and for **environmental monitoring** by mining companies.

→ Existing **ground or airborne surveys not adapted** to site-scale mapping of natural/mine waste radionuclides using gamma-ray measurements: they are either too slow/time consuming or expensive and low resolution

→ High sensitivity measurements **not implemented on UAV until now** : good **sensitivity implies weight** !



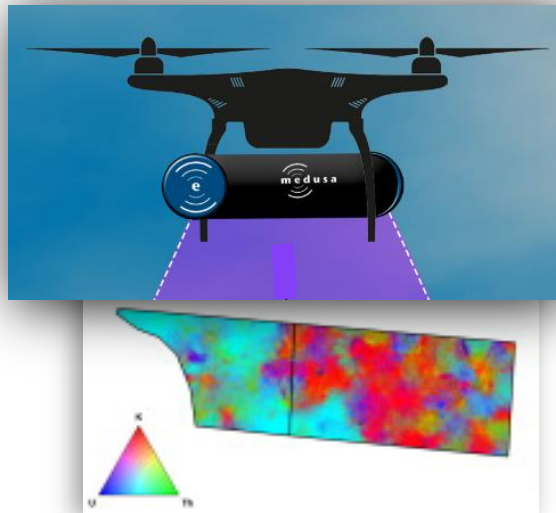
[Operational high sensitivity gamma-ray UAV]

- Expected synergies and complementarities:



- Outcomes:

Setup, optimization and testing in pre-operational condition (TRL8) of a **new gamma-ray UAV acquisition and processing solution.**



- Market & Business opportunities:

→ Market is **global** (service not available today)



→ Dual **prospection** + **environmental monitoring**

+ precision agriculture

+



- Wanted additional partners :

Environmental monitoring companies?

High efficiency gamma ray detector manufacturer?

Geophysical contractors?

Precision agriculture companies? ...