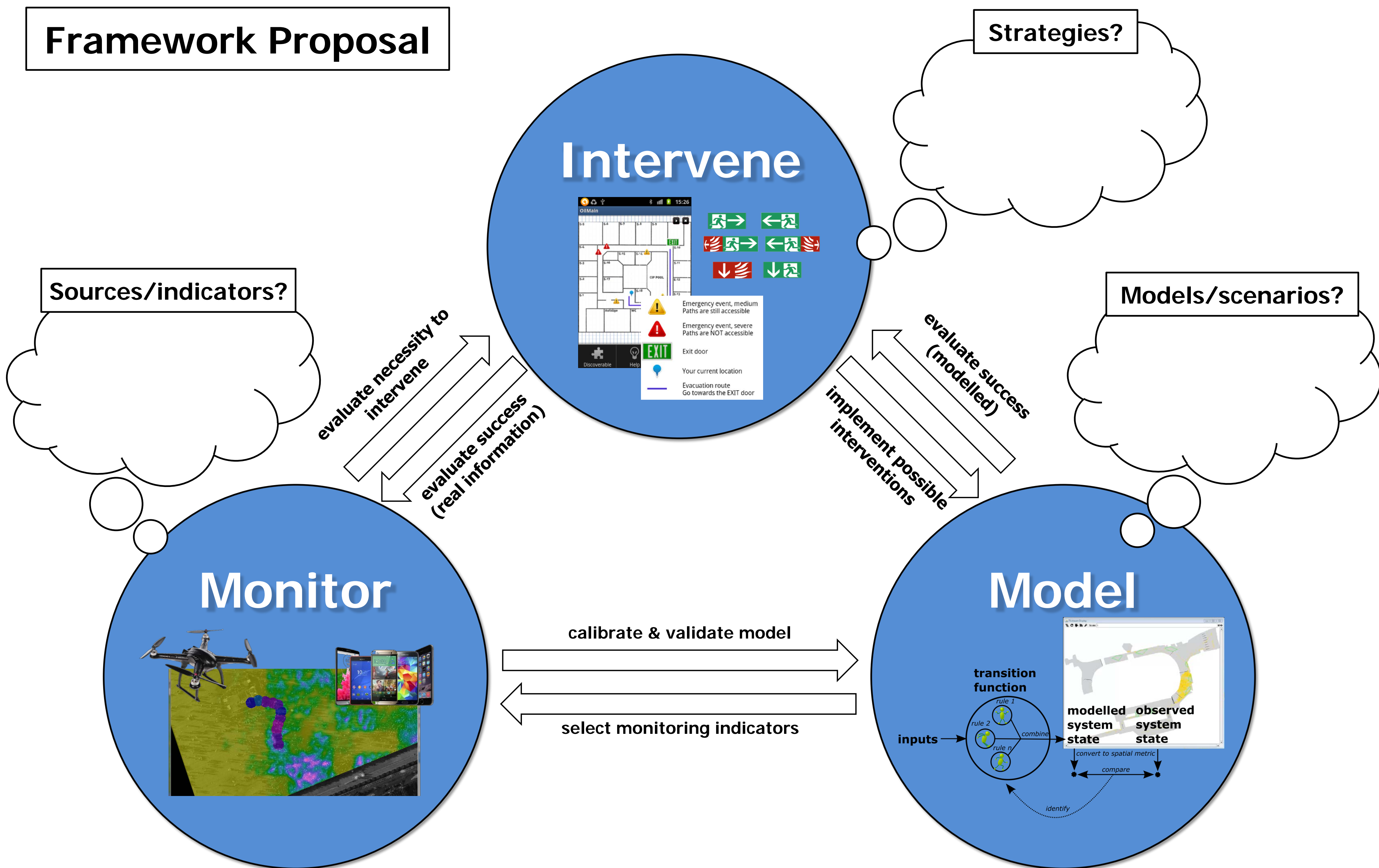# A framework to monitor, model, and actively manage crowd behaviour

Motivation and Problem

- **Unforeseeable situations** and **crowd dynamics** during events (e.g. festivals, sport events or fairs) can result in dangerous situations (e.g. mass panic).
- Thus, it is important to not only **understand and model** the behaviour of crowds, but also **monitor** the real conditions within crowds during the event to be able to **intervene** in cases of (anticipated) emergency.
- Our overarching goal is to **mitigate risks for large crowds** by combining crowd monitoring, modelling and intervention in one joint **framework**.
- We have experience in the three separate pillars; in this poster session, we're actively seeking your feedback on how to bring them together, e.g. interesting case studies, scenarios, monitoring sources and management strategies.

Framework Proposal

Any suggestions for case studies?

- Setting, data availability, other comments?

Thank you!

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