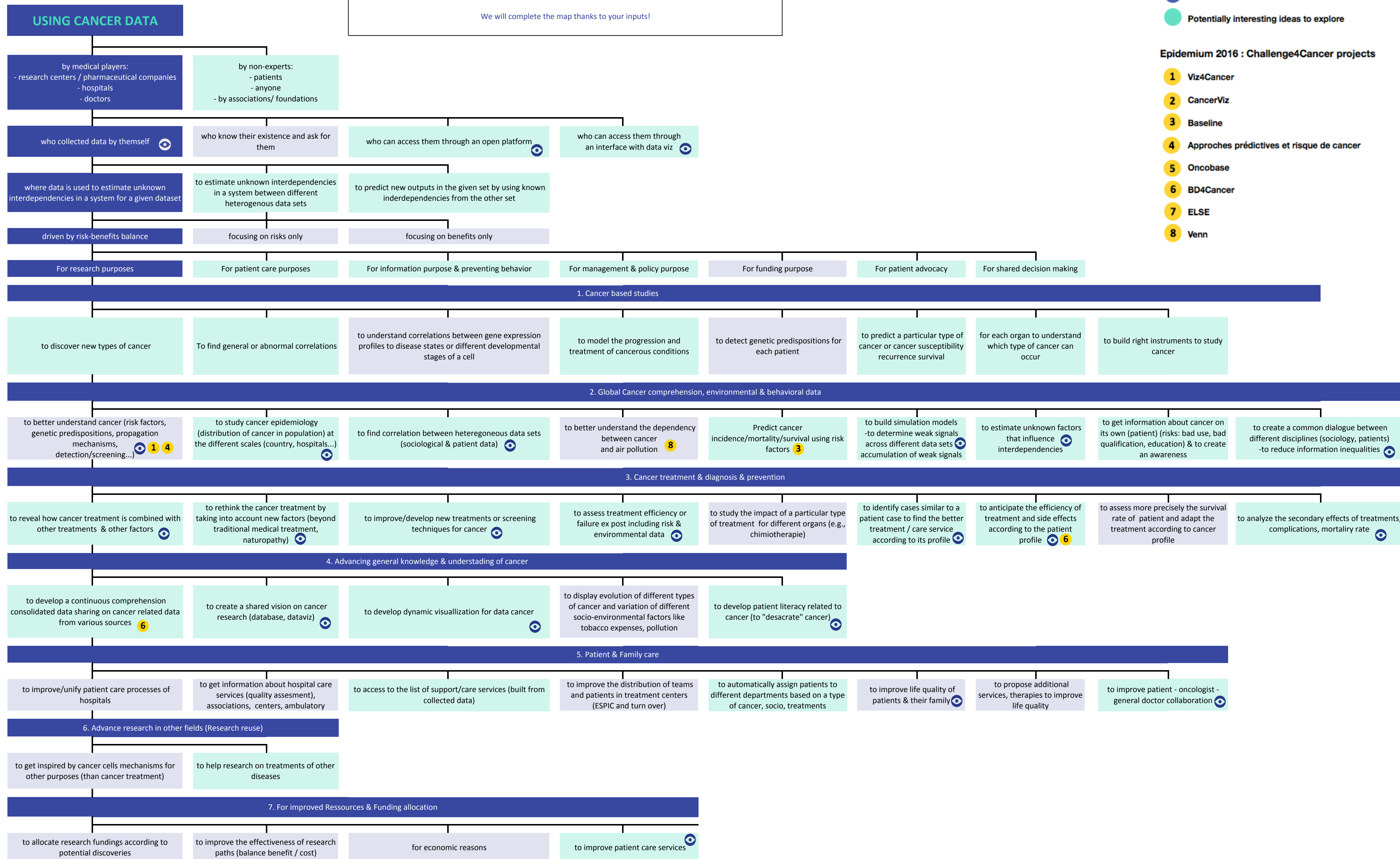




CONCEPT SPACE



- Ideas explored generated during workshops
- Dominant design for cancer related research
- Potentially interesting ideas to explore

Epidemium 2016 : Challenge4Cancer projects

- 1 Viz4Cancer
- 2 CancerViz
- 3 Baseline
- 4 Approches prédictives et risque de cancer
- 5 Oncobase
- 6 BD4Cancer
- 7 ELSE
- 8 Venn

KNOWLEDGE SPACE

Cancer based studies

Quick concept: quantitative imaging in cancer: connecting cellular process with therapy; tools for drug developers

Online Gaming: **Phylo** Human based computing for bioinformatics to pinpoint mutations in DNA : <http://www.dw.com/en/crowdsourcing-approach-to-fighting-cancer/a-17630275>

Cancer treatment & diagnosis & prevention

Childhood cancer -> treatment : **IBM world community grid initiative**

Moonshot initiative to make more therapies available : <https://www.cancer.gov/research/key-initiatives/moonshot-cancer-initiative>

Advancing general knowledge & understanding of cancer

- **Cancer epidemiology cohorts AP - HP Compare Project** - longitudinal observations of healthy individuals to better understand cancer causes
- **Cancer Base project at Stanford**

- **Cancer prediction tool based on open clinical data trial - University of Colorado** : <https://medicalxpress.com/news/2016-11-crowdsourcing-prostate-cancer-tool.html>

Patient care

Patient advocacy (territories inequality, health issues)

Start ups like Ma Bulle

Ethical aspects : Patient ≠ data