Possible structure for Horizon2020 proposal

1. **Detector and infrastructure:**
    A. Underground infrastructure
    B. Cryostat and cryostat support
    C. TPC structure, field cage
    D. Grid electrodes, HV and HV feedthroughs
2. **Liquid target:**
    A. Cooling system
    B. Purification system
    C. Multi-ton gas storage system; emergency recovery
    D. Procurement of noble gas
3. **Signal detection (light and charge):**
    A. PMTs and alternative photosensors
    B. Alternative charge read-out [now also includes S2 in liquid etc]
    C. Cold electronics
    D. Cables, connectors, feedthroughs
4. **Signal readout:**
    A. DAQ systems (signal amplification, digitization, warm electronics) B. Trigger and veto systems
    B. Data storage, handling and processing
5. **Calibration:**
    A. Light calibration (LED system etc) and stability monitoring
    B. ER + NR band calibration
    C. Energy calibration: Ly and Qy measurements; mono-energetic lines as anchor points
6. **Background reduction:**
    A. Kr assay and removal system, Rn assay and removal system
    B. Material screening (HPGe, ICP-MS, NAA) and Rn emanation
    C. Shield: mechanical aspects, water Cherenkov shield, liquid scintillator shield
7. **Science:**
    A. MC simulations: backgrounds, light collection efficiency, signals
    B. Sensitivity studies (WIMPs, axions and ALPs, neutrino channels)
    C. Statistical sensitivity analyses including astrophysical, nuclear etc uncertainties