

### 3min. – Presentation of the German Delegation

- Germany's proposal presented today underlines the statement of Germany's Federal Minister Bulmahn given in the opening ceremony.
- We offer an open and flexible early warning system to be part of international initiatives under UN-umbrella.
- We follow an integral approach consisting of a technological effort and of capacity building.
- The system is based on cutting edge technologies and is fully compatible to existing or future networks. The system is fast, it is precise and reliable. The components have already been tested under real conditions.
- Basis of the system is a fully automated real-time earthquake detection.
- The information management used is already an international standard.
- Advanced technical components of Germany's early warning system are high resolution ocean-bottom pressure sensors connected with world-wide unique GPS-controlled buoys.
- Tsunami waves can be monitored in real-time – minimizing the risk of false alarm - by two independent measurement systems reducing the risk of failures.
- Regarding GPS Germany hosts the coordinating analysis centre of the International GPS-Service.
- In addition we offer our proven expertise in design and operation of low-orbiting Earth monitoring satellites.
- New techniques like the GPS-Reflectometry allow for mapping of sea-surface dynamics with high resolution in space and time.
- Part of the German concept are decentralized regional early-warning-centres. An open information structure makes sure that all disaster-relevant data are available for all centres.
- Germany offers its technological know-how for the integration into international activities.
- The time horizon to establish the system is 3 years. Part of the equipment can be made available in a couple of months.
- Germany could offer the next cruise of the Research Vessel "SONNE" in September/October this year for preparatory work.
- Germany is ready to make a substantial financial contribution.