**Flow chart protection concept emergency plan (source: GDV/VdS 3521).**

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| **1** | **Hazards evaluation** | * Which flood hazards related to the location and property (e. g. floods, heavy rainfall, flash floods, and backwater) exist?
* Which areas (assets, buildings, plants, etc.) are at risk depending on the hazard?
 | **Regular inspection is required!** |
| **2** | **Risk assessment** | * What flood level can be expected for the individual objects (assets, buildings, plants, etc.), depending on the hazard and considering existing protective measures (type/scope)?
* What hazard can damage relevant objects (equipment, material, etc.), and which process, e.g., operations of organisations, can be impaired?
* What threats can affect life and health, and cause damage to property or interruption of operations?
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| **3** | **Development and implementation of protection concept** | * Which objectives are defined depending on the hazard?
* Which protective measures (constructional, technical, and operational) are required depending on the hazard and planned and implemented to protect against relevant hazards and minimize risks?
* Are existing protective measures regularly maintained?
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| **4** | **Development and implementation of emergency plan** | * How is the emergency case defined depending on the hazard?
* Who has to do when what, where, and how, e. g. activation of the emergency and business continuity management (BCM, see also CFPA- guideline No. 1N ) plan?
* How are the emergency measures communicated and prepared?
* How and at what intervals are the emergency measures practiced, documented, and evaluated?
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| **5** | **Documentation and** **Conclusions** | * How is an event documented and analysed as an emergency (time, type, and scope)?
* Are the hazard evaluation, risk assessment, and emergency plan reviewed?
* What adjustments, if any, should be made?
 | **After the event** |