## PROJECT DESCRIPTION

1. **Briefly describe the objectives of your proposed project**
   
   A wide variety of materials are used in train traffic and infrastructure. Only substances with a proportion greater than 0.1% have to be specified in the safety data sheets. This means that we distribute substances in the environment that have a high environmental risk or that require certain requirements in their application. For example, track construction resin should only be used by dry weather conditions and not in groundwater protection zones. Rail head conditioning agents and wheel flange lubricants are distributed across the entire infrastructure. A high degree of degradability and low heavy metal contents must be required. A systematic investigation of these substances is necessary from the precautionary principle. Since the European railways mostly buy the same products, a uniform procedure for the investigation and a common database for requirements and studies on substance groups would be desirable.

2. **Why do we need this project and what are its benefits / added value?**
   
   Material loads in the track body can lead to higher disposal costs and complex track wastewater treatments.

3. **What needs to be done and what are the risks if the project is not done?**

   No

4. **Is data already available upon which to base this proposal?**

   Yes

5. **What are the planned deliverables?**

   * Report - Guideline
   * IT tool - Website

6. **Budget**

   50k €