MADS4Engineering 2026: Proposal List

1. Smart Sustainable Industry – Intelligent Robotic Disassembly (image)
    a. Automatic Identification of Desktop components | **INESC TEC**
    b. Dataset Creation & Identification of Flat Panel Displays | **INESC TEC**
    c. Dataset Creation & Identification of Hard Disks | **INESC TEC**
    d. Dataset Creation & Identification of Screws in Electronic Garbage **| INESC TEC**
2. Sustainable Fashion (image)
    a. Automatic Identification of Valuable Parts in Disposed Clothes **| INESC TEC**
3. Smart Manufacturing (alphanumeric)
    a. Predictive Maintenance for Decision-support
4. Sustainable Energy (alphanumeric)
    a. Prediction of Power Production for Decision-support
5. Financial Risk Detection (alphanumeric)
    a. Credit Card Fraud Detection for Decision-support