



**PLATFORM A: INTEGRATED LCC-LCA BASED ON R&M MODELLING**

**REPAIR / FAILURE DATA COLLECTION FROM FIELD**

**PLATFORM D: DECOMMISSIONING DECISION SUPPORT SYSTEM**  
to select optimal EOL strategies of machines

**BEST-FIT EOL STRATEGIES**

- RECYCLING
- RETROFIT
- RE-USE
- RENOVATION

**PLATFORM B: REPAIR DECISION SUPPORT SYSTEM**  
to select optimal maintenance strategies of plants

**BEST-FIT REPAIR STRATEGIES**

- RUN To FAILURE
- PREVENTIVE
- CBM PERIODIC INSPECTION
- CBM PREDICTIVE

**PLATFORM C: SEAMLESS APPROACH FOR REDUCTION OF REPAIR TIME/COST OF MACHINES**

FAULT TREE ANALYSIS

AR-BASED MAINTENANCE

REMAINING LIFE PREDICTION

**PLATFORM E: TECHNOLOGIES FOR ENERGY & COST EFFECTIVE REUSE AND RENOVATION**

- REUSABILITY ASSESSMENT BY LIFE DATA ANALYSIS
- VR-BASED RE-MANUFACTURING
- ADD-ON MULTIFUNCTIONAL SMART MODULES

