



DIRECT-MAT

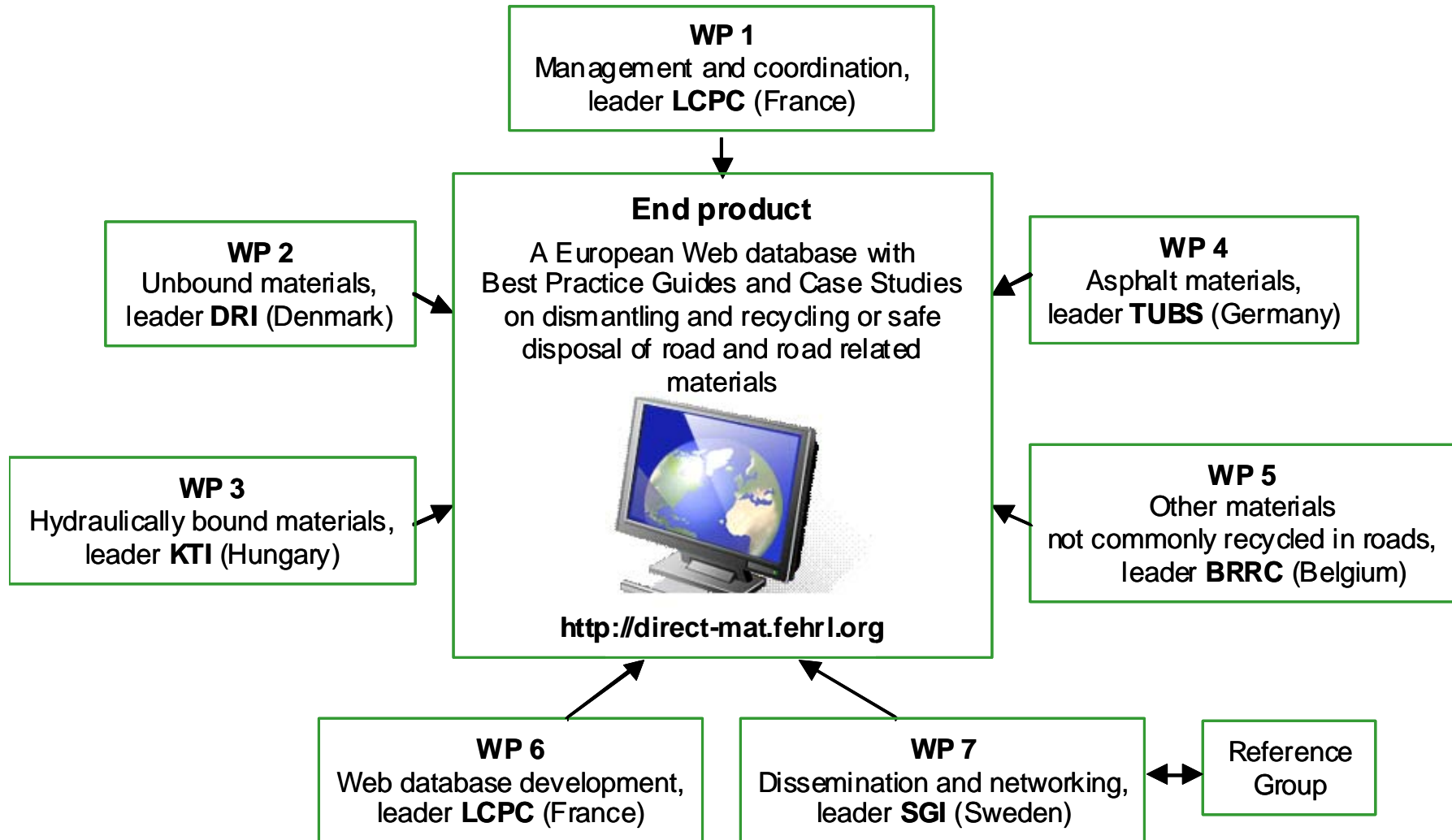
Dismantling and Recycling Techniques for Road Materials

WP 5: strategy for "Other materials"

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Role of WP 5 in the whole project



WP 5: Focus



“Other materials not commonly recycled in roads” deals with:

- Unwanted materials (with dangerous properties): tar, asbestos,...
- Materials that complicate the dismantling of road layers or structures: geotextiles, steel reinforcement materials, road markings,...
- Vehicle tyres (e.g. used as aggregate or as binder modifier)
- Secondary aggregates from industrial by-products / wastes (slags, ashes, plastics, glass, foundry sand, ...)
- (Polluted) soil or sediment
- Green waste from road shoulder maintenance

WP 5: Objectives



- European knowledge transfer on experience on **end-of-life strategies for road materials**:
 - Dismantling techniques for other materials
 - Recycling or other solutions for these other materials in new roads

Final Result: Database with local and European knowledge

- D6: Synthesis of documents on existing knowledge
- D14: Report on practical application case studies
- D20: Guide on Best Practices / End-of-Life strategy

Synthesized literature and site data review:

- Current state of the art / Specification
- Experiences and Research results

Best practice guide

- Consideration of socio-economic conditions
- Available technology

First result: Deliverable D6



Synthesis of national and international documents on existing knowledge regarding the recycling of other materials

With contributions from
BRRC (B), CDV (CZ), CEDEX (E),
IBDim (PL), LCPC (F) LNEC (P),
Recipav (P), SGI (S), TUBs (D),
UCD (IRL), VTI (S) and ZAG (SLO).

Work program for 2010



International literature review, in complement to national review

- First half of 2010
- Deadline (D6): 30 June 2010

Field and laboratory data collection

- Need to adapt checklist
- Collect this information via checklist / interviews (if not enough answers have arrived)
- Try to have 5 cases for every country

(D14) report on practical application case studies

- Deadline 31 August 2010

(D20) end of life strategy (Guide)

- Due 30 June 2011
- WP6 will help with proposal for structure and how to approach it, and how to include it in DM Database