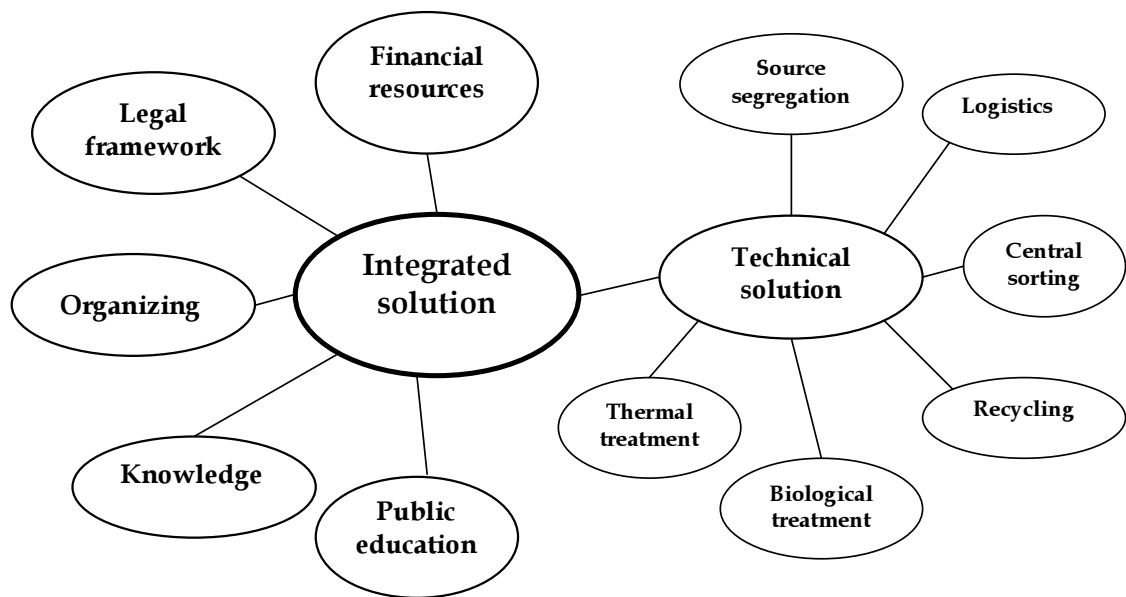


Developing integrated waste management systems



Integrated systems within EU-standard

Both municipalities and all kinds of companies in waste business need good tools to carry out plans for future waste management activities.

Normally there are a lot of factors that are depending on each other and have to fit together in an integrated system. This requires good insight and competence.

Planning process can consist of:

- Analysis of existing situation and conditions. SWOT.
- Define objectives and goals
- Evaluation of alternative solutions
- Choose main solution
- More detail description of solution in long and short terms
- Analysis of consequences
- Risks and flexibility

The value of an integrated plan for development in long term is important to avoid too much testing and failure.

Mepex share knowledge:

Mepex can offer all kind of services related to development of integrated waste management systems:

- Waste management plans
- Waste analysis, material flow analysis and waste statistics
- Knowledge about EU-regulation
- Concept studies, strategies, business plans
- Technical feasibility studies for segregation, collection, treatment, incl. solutions for hazardous waste
- Environmental impact studies and LCA analysis
- Financial, organisational and administrative systems
- Application for EU/EØS funds
- Evaluation, monitoring and audits

Mepex has long experience with projects regarding development of integrated waste management solution. Selected references are shown on next page.

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Selected reference projects from Norway

Client	Project in short
9 Communities in region of Drammen (170.000 citizens)	Developing concept for new integrated solution based on extended source segregation, biological and thermal treatment. Planning, contracts, execution and operation.
15 communities in region of Mjøsa (240.000 citizens)	Regional plan for treatment of source separated biological waste and combination of central sorting, thermal treatment and landfill of residual waste.
4 communities in region of Grenland (100.000 citizens)	Regional plan and environmental impact study for integrated waste system for source segregation, biological and thermal treatment.
Asker&Bærum communities (150.000 citizens)	Feasibility study for extended source segregation, biological treatment and waste to energy systems.
Oslo Community (550.000 citizens)	Plan for extended source segregation, central optical sorting, biogas production and future thermal treatment.
Akershus County administration (1.000.000 citizens)	Regional plan for integrated waste management in the region of Akershus, 18 communities. Proposal for development of new solutions and programme for execution.
National Department of Environment	Regional strategy for future integrated waste systems in central part of Norway with 40% of citizens in Norway.
RFD IKS, Drammen	Regional plan for developing a network of recycling centres for households based on one common concept.