

TAIEX/ECRAN National Roundtable on Cost Recovery and CBA in Waste
Sector
Environment and Climate Regional Accession Network
Sarajevo, Bosnia and Herzegovina
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DEVELOPING MUNICIPAL SOLID WASTE MANAGEMENT SECTOR in BiH

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Responsibilities of Bosnia and Herzegovina within the EU accession process

Responsibilities from SSP:

- Responsibilities from the Article 70: Responsibility of BiH for adjustment of Legislation with EU acquis and responsibility for efficient legislation implementation
- + separate Articles of SSP related to Environment Sector

Environment:

Responsibilities for following the accession criteria regarding the environment:

- political
- economic
- administrative

Membership

Capability for taking over of the membership responsibilities:

- Achievement of EU goals
- Adoption and efficient implementation of the EU acquis



Results within the environment – trends in approaching the EU

Preparations within environment protection and climate changes are still in initial phase

Administrative capacities within the environment are still weak

There is no **mechanism** for **overall adjustment with the EU Legislation**, nor for the **whole state strategic planning**

Priority-establishment of **adjusted legal framework**, proper **administrative capacities and functionality of the monitoring system**

Horizontal and vertical inter-institutional coordination needs to be improved

Strategic planning and implementation of environmental acquis are necessary



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2015 Monitoring overview - Waste Management Directives

2008/98/EC, Waste Framework, Directive 2008/98/EC of the Council of 19 November 2008 on waste

86/278/EEC Sewage Sludge, Council Directive 86/278/EEC of 12 June 1986 on the protection of the environment, and in particular of the soil, when sewage sludge is used in agriculture amended in Directive 91/692/EEC, Regulation (EC) 807/2003 and (EC)219/2009 and Council Decision 95/1/EC

2006/66/EC Batteries, Directive 2006/66/EC of the European Parliament and of the Council of 6 September 2006 on batteries and accumulators and repealing Directive 91/157/EEC, amended by Directives 2008/12/EC, 2008/103/EC and 2013/56/EU and Commission Decisions 2008/763/EC, 2009/603/EC, 2009/851/EC

94/627/EC Packaging, European Parliament and Council Directive 94/627/EC of 20 December 1994 on packaging and packaging waste as amended by Regulations (EC) 1882/2003 and (EC) 219/2009 and Directives 2004/12/EC, 2005/20/EC and 2013/2/EU

96/59/EC PCB/PCT Council Directive 96/59/EC of 16 September 1996 on the disposal of polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT) amended by Regulation (EC) 596/2009

EC/850/2004 POPs, Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC amended by Regulations (EC) 1195/2006, (EC) 172/2007, (EC) 323/2007, (EC) 219/2009, (EC) 304/2009, (EU) 756/2010, (EU) 757/2010, (EU) 519/2012



2015 Monitoring overview - Waste Management Directives

2000/53/EC ELVs, Directive 2000/53/EC of the European Parliament and of the Council of 18 September 2000 on end – of life vehicles amended by Decisions 2002/525/EC, 2005/63/EC, 2005/438/EC, 2005/673/EC, 2008/689/EC, 2010/115/EC and Directives 2008/33/EC, 2008/112/EC, 2011/37/EU and 2013/28/EU

2011/65/EU RoHS (recast), Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 of the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

2012/19/EU WEEE, Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE) (recast) and repealing Directive 2002/96/EC

1999/31/EC Landfill, Council Directive 1999/31/EC of 26 April 1999 on the landfill of waste as amended by Regulations (EC) 1882/2003 and (EC) 1137/2008 and Directive 2011/97/E Council Decision of 19 December 2002 establishing criteria and procedures for the acceptance of waste at landfills pursuant to Article 16 and Annex II to the Directive 2009/31/EC

EC/1013/2006 Shipments of Waste, Regulation (EC) No 1113/2006 of the European Parliament and of the Council of 14 June 2006 on shipment of waste as amended by Regulations (EC) 1379/2007, (EC) 669/2008, (EC) 219/2009, (EC) 308/2009, (EU) 413/2010, (EU) 664/2011, (EU) 135/2012, (EU) 255/2013 and Directive 2009/31/EC

Commission Regulation (EC) No. 1418/2007 of 29 November 2007 concerning the export and recover of certain waste listed in Annex III or IIIA to Regulation (EC) No. 1013/2006 to certain countries to which the OECD Decision on the control of transboundary movements of waste does not apply, as amended by Regulations (EC) 740/2008, (EC) 967/2009, (EU) 837/2010, (EU) 661/2011, (EU) 674/2012, (EU) 57/2013, (EU) 519/2013



2015 Monitoring overview - Waste Management Directives

2006/21/EC Mining Waste, Directive 2006/21/EC of the EUROPEAN Parliament and of the Council of 15. March 2006 on the management of waste from extractive industries and amending Directive 2004/35/EC, amended by Regulation (EC) 596/2009 and Commission Decisions 2009/335/EC , 2009/337/EC, 2009/358/EC, 2009/359/EC and 2009/360/EC.

1257/013 Ship Recycling, Regulation (EU) No 1257/2013 of the European Parliament and the Council of 20 November 2013 on ship recycling and amending Regulation (EC) No 1013/2006 and Directive 2009/16/EC



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Strategic documents

Waste Management is based upon the hierarchical approach which favors the following: prevention, re-use, recycling, and treatment and final disposal of waste

Waste Management Strategy in BiH, EU PHARE (2000)

Environment protection in FBiH (2008 – 2018)

Federal Waste management plan (2012 – 2018) – numerous unrealized

Waste Management measures ,

Along the action plans of the Federal strategy measures have been established for which Cantons are hold responsible

RS is in the process of adoption of waste management strategy

Brčko District does not have a waste management strategy

Entities' Laws for Waste Management, BD

Cantonal Plans for Waste Management (Zenica-Doboj; Sarajevo and Hercegovacko – neretvanski Canton)

Cantonal Laws

LEAPs

Waste Management Plans for 44 municipalities (6 - regions)



Legal Framework for environmental protection in Bosnia and Herzegovina

Environmental Legal Framework, pursuant to statutory responsibilities, has been established at the entity and Brčko District level through the following:

- Environmental protection Law,
- Air protection law,
- *Waste Management law*,
- Nature Protection law,
- Environmental funds Law,
- Law on Waters,
- Law on chemicals RS,
- Law on Biocides RS,
- Law on transportation of hazardous substances FBiH, SFRJ
- Law on the traffic of poisons FBiH, SFRJ
- And implementation regulations enacted based upon the stated Laws



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Strategic documents - draft

State and Waste Management Sector approximation strategy draft

- Not finalized and adopted

Nacrt Akcionih Planova za implementaciju državne Strategije za aproksimaciju u entitetima i BD

Draft BiH DSIP for waste disposals management

- Not finalized and adopted

Draft action plans for implementation of DSIPs in the Entities and Brčko District

Draft environmental policy adjusted with the seventh EU action program EU

- Not finalized and adopted

Draft structure for establishment of monitoring-information system within BiH

Technical data base about the projects

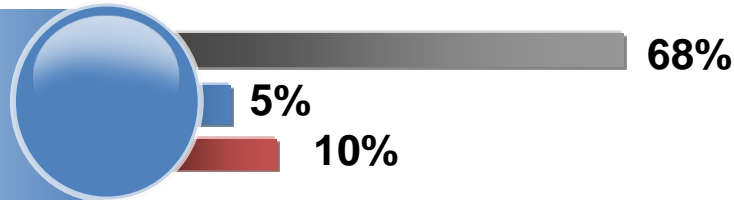
- Not finalized and adopted



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Waste Management Situation in BiH, system establishment and EU standards

Low level of services coverage
Low level of waste selection
Small number of municipalities that dispose to arranged depots



Great number of illegal depots
Small number of refurbished municipal depots



Failure in achieving plans goals (all levels of environmental authorities in BiH)
Various areas in BiH does not have regional infrastructure for waste management/depots



Regional systems of urban waste management – sustainability issues, especially the issue of financial sustainability (Zenica, Banja Luka, Bijeljina and Sarajevo).



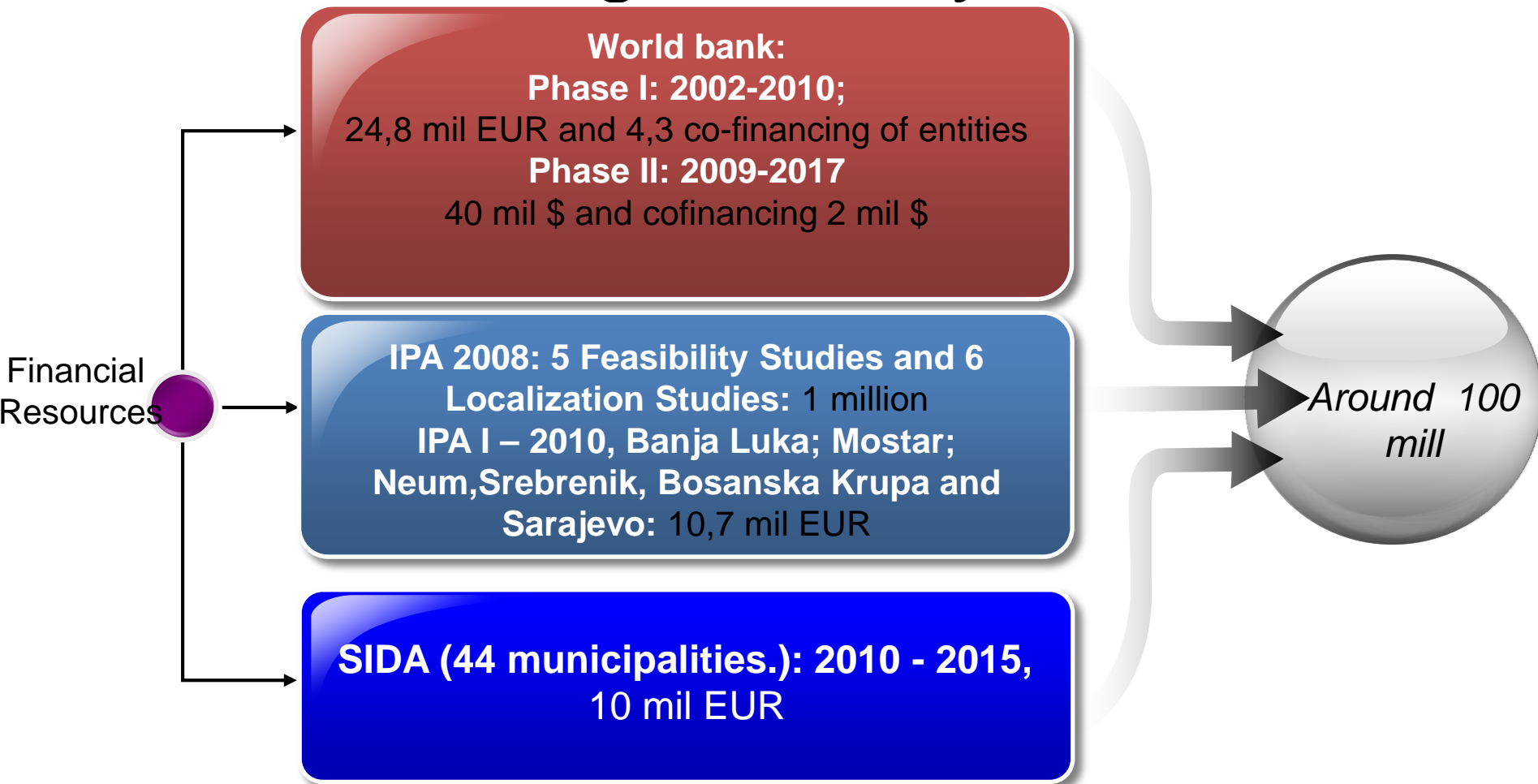
Old and insufficient equipment (buckets, containers, vehicles etc.)

Municipalities dispose of waste at unordered depots, legal deadline for abatement of depots 2008/2011 – process still not finished

Mechanical-biological treatment plant (MBO) in: Tuzla, Konjic, Brčko and Mostar, currently are operating as a assortments



Projects for establishment of waste management system



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Potential international financial sources

Non-refundable funds – EU Instrument for Pre-accession – IPA II

Bilateral non-refundable funds and long term loans

Long term loans from International financial Institutions (MFI)

Arrangements of partnerships within public and private sectors (PPP)

Long term loan capital from commercial financial institutions



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Issues and priorities for solution – Waste Management SIDA

Issues

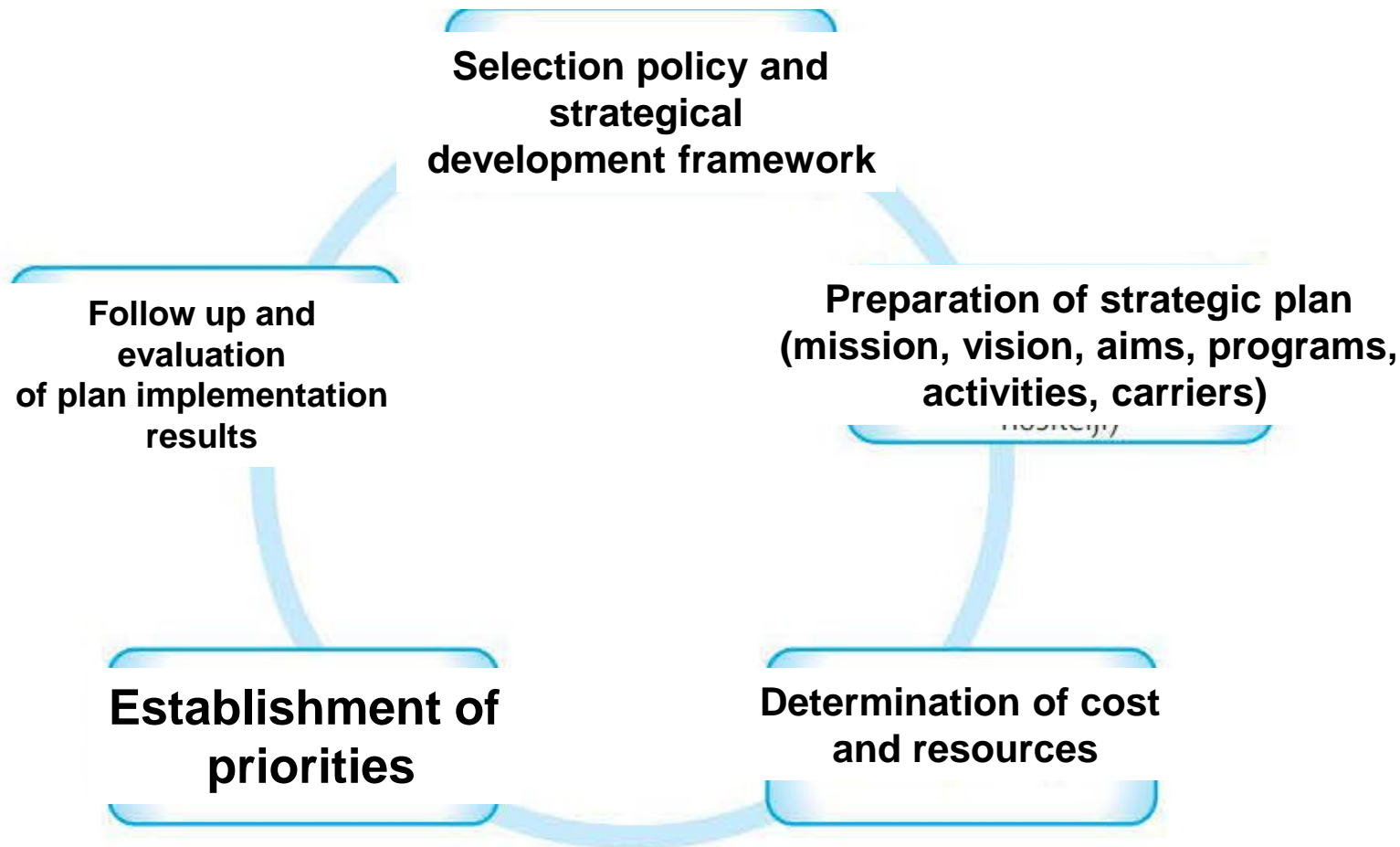
- Illegal disposal and littering of waste spread all over BiH
- Solid Waste Management Systems in BiH are not sustainable
- Several areas in BiH does not have regional infrastructure for solid waste management/depots (municipalities not covered by Swedish Grontmijtprogram)
- Regional UKO systems (covered with Swedish Grontmij program) are facing sustainability risks. Regional depots have a concrete problem of financial sustainability

Priorities

- Additional financial mechanism (ecological taxation) must be established for payment
- Sarajevo needs new location for depot, since it has been envisaged for the present depot to be overfilled by 2020
- Hazardous waste is not being properly treated
- Strategy for Urban waste management should be updated and adopted
- Monitoring and implementation of the urban waste management practice implementation are weak.



Strategic planning – Cyclic nature of the planning process



Waste management and service price definition

Jurisdictions

- Statute of BiH does not mention environment protection and waste management areas; actual legislative jurisdiction within public utility services should belong to FBiH i RS.
- Statute of RS does not mention areas of public utility services, but legislation jurisdiction within the public utility services at the level of the entity.
- Statute of FBiH: it can not be definitely concluded whether the area of public utility services belongs within exclusive jurisdictions of the Canton or is it in joint jurisdictions of the Federation and the Canton.



Waste management and definition of services price

Municipality and local autonomy

- Laws on municipal public utilities (municipalities):
 - Formation and approval of public utilities' service prices are not properly regulated.
 - Relations, duties and responsibilities of municipalities as founders of public utilities and public utilities as service providers.
- In most of local autonomy units municipal decisions on establishment of public utility companies are not adjusted with the regulations of the public utility services Law (an example is USC).



Waste management and definition of services price

Prices:

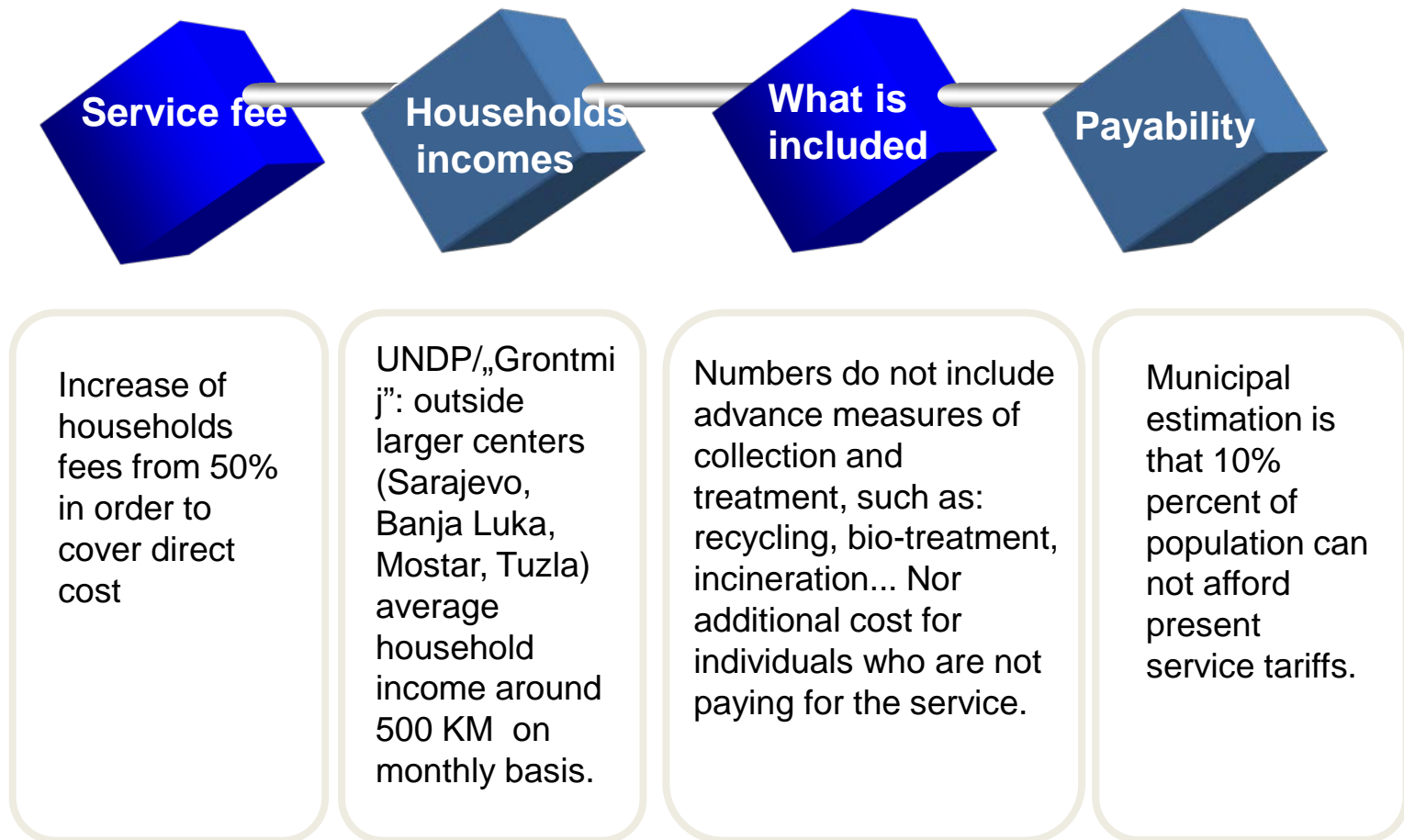
- There is neither a unique pricing policy at the Canton level.
- Public utilities' services price issue has not been clearly regulated within the decisions on public utility activities of local autonomy units.
- Most municipalities have not made decision on establishment of measure unit and regulation of the way of pricing for public utilities services products and services in the manner established with regulations of the cantonal Laws on public utilities' activities.
- Actual prices of waste disposal are not economical, and usually do not cover cost of urban waste disposal activities implementation.

Activities financing issue:

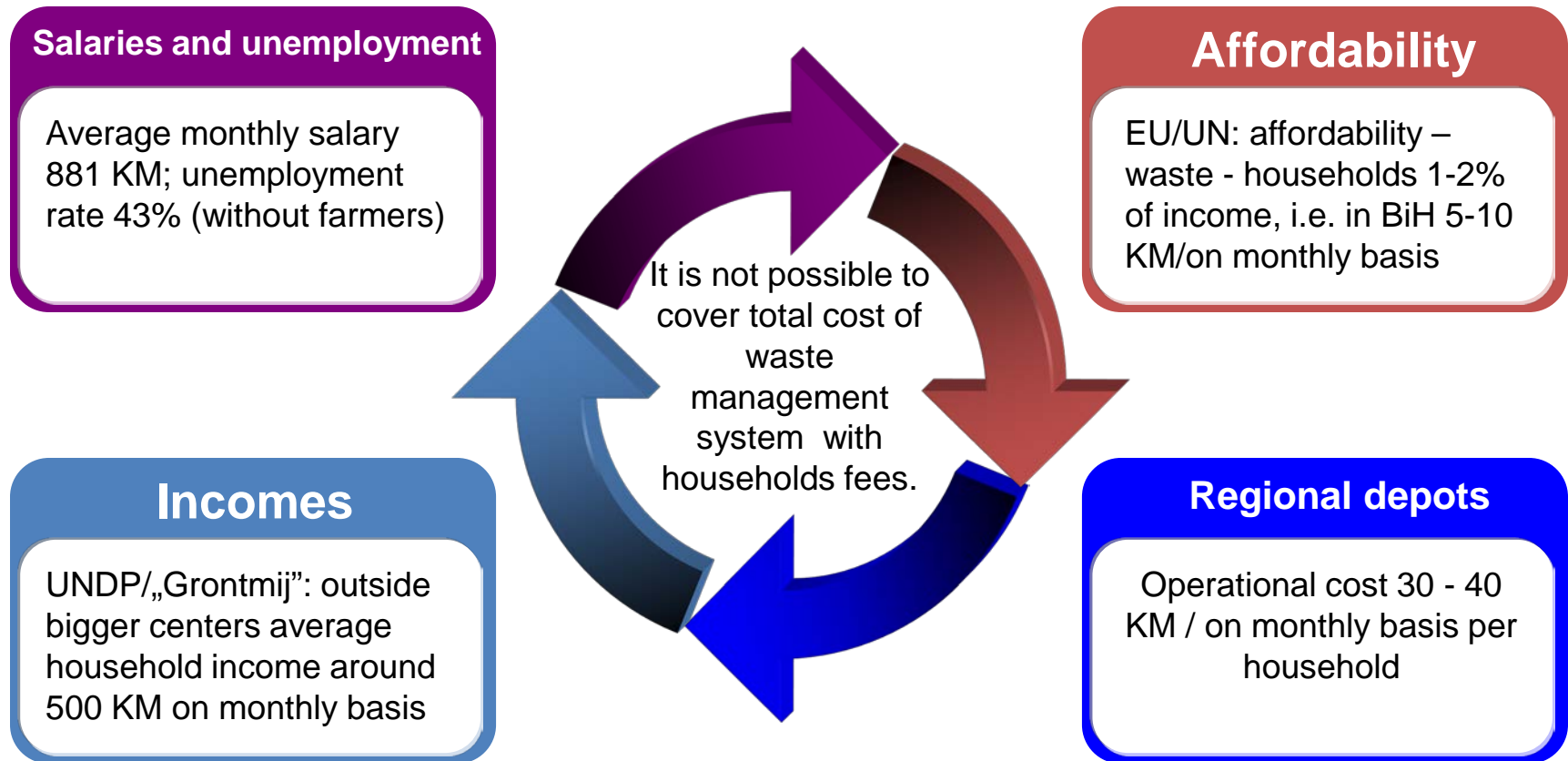
- Weak financial solvency of a certain number of beneficiaries from the households category.
- None of the municipalities has a clearly established social policy to subsidy those households categories.



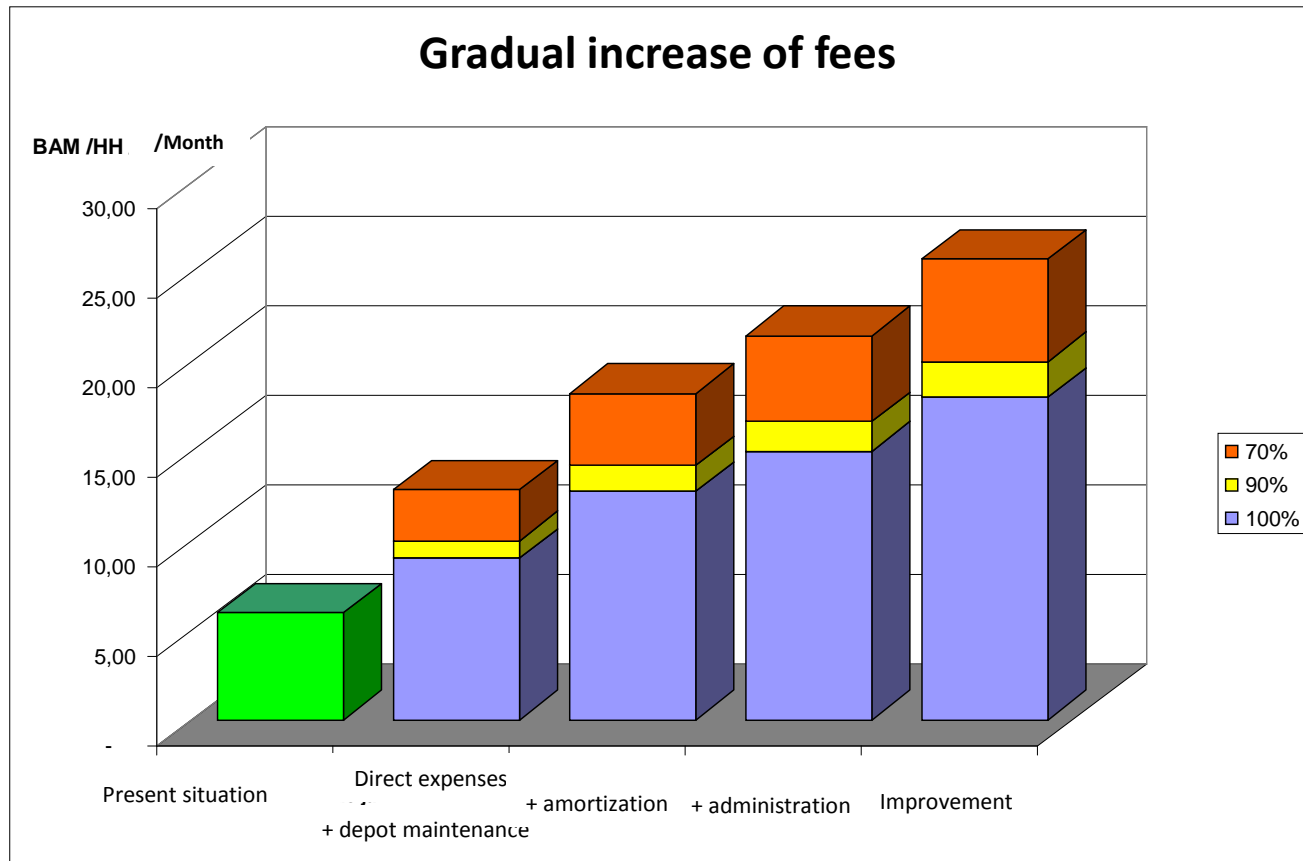
Suggestions for sustainable system



Acceptability

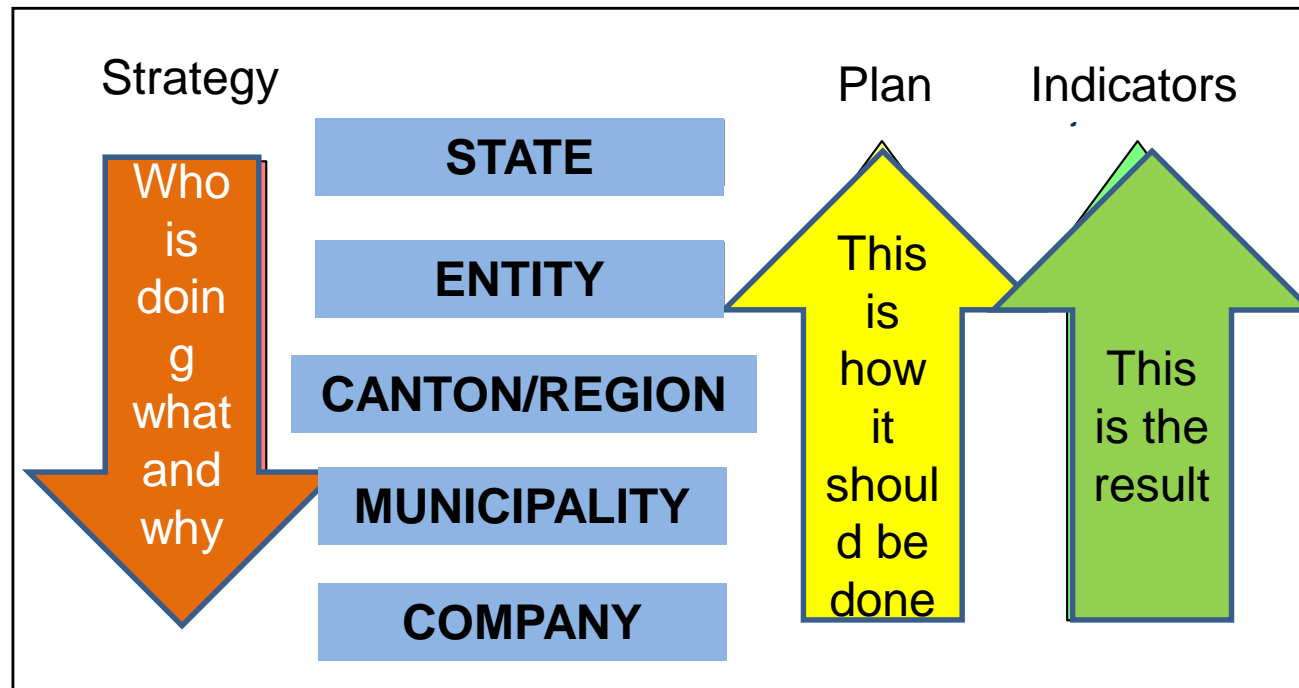


Proposal for gradual increase of fees



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Municipal plans, as part of the whole strategy and system of planning



THANK YOU FOR YOUR ATTENTION!



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