



SWEDISH ENVIRONMENTAL
PROTECTION AGENCY



Sweden
Sverige

Supporting Albanian Negotiations in Environment, Chapter 27 (SANE27)

**Mbështetja e Negociatave Shqiptare në Mjedis,
Kapitulli 27 (MNSHM27)**

Stöd till Albanien i förhandlingar av miljökapitel 27

Tirana, October 2020

Title: **Household Waste Separation** - a starting point for modern waste management

- Sub-chapter: **Waste**
- Presented by: **Mr. John Glazebrook**

Human beings are the best!

Even as
technology
improves,
nothing is better
than well-
informed citizens
separating waste
at source.



Photo: New waste separation line with problems from green waste contamination.

Source Separation – opening the door to affordable, effective waste management.

Definition:

Source separation is the **preparation for recycling** by the citizen or organization generating the waste,

followed by

separate collection and treatment.





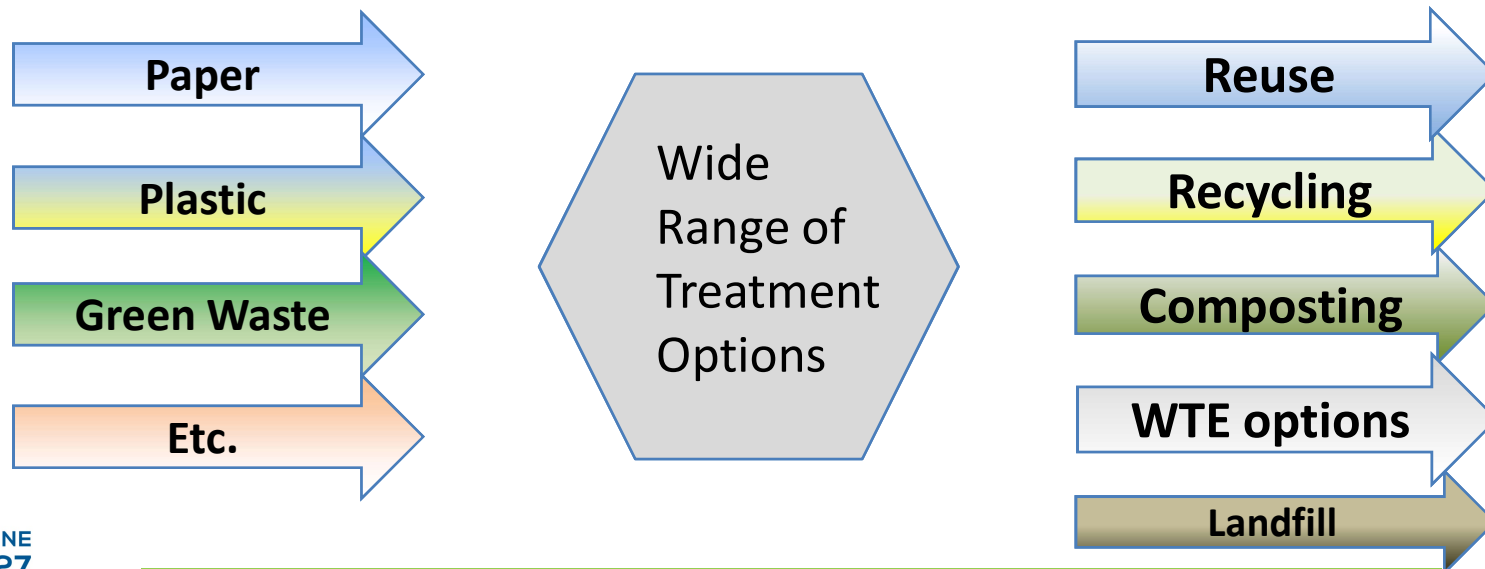
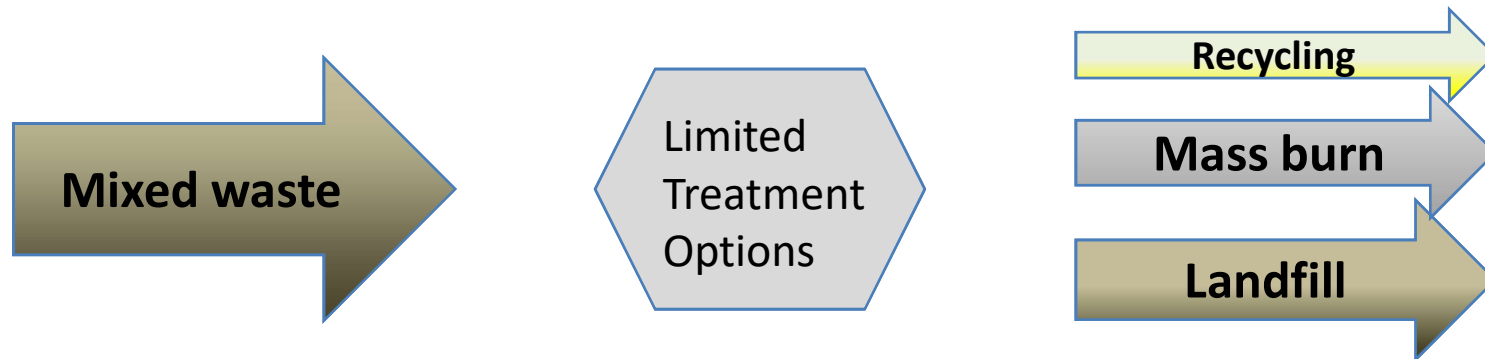
There is no perfect recycling system..



..but we can look for common keys to success.



Separation opens up opportunities



EU and Albanian Policy

All the main waste directives need source separation to be implemented effectively:

- Waste Framework Directive
- Landfill Directive
- Packaging & Packaging Waste Directive
- Batteries and Accumulators Directive
- + others.

Case Study: Arilje Municipality, Serbia



- Pilot project for the introduction of source separation and collection.
- Arilje Municipality – 15,000 population, 3,400 tonnes a year of municipal solid waste.
- Financing: Sweden (€448,000), Ministry of Environment of Serbia, Arilje, (€121,000).
- Time period, 2013-2016.



Project Activities

- Technical support – plan, train, follow-up
- Equipment – trucks, bins, signs
- Communications – opinion surveys, 12-month campaign support





profits
OVER people



PEPSI'S LATEST ~~PALM OIL ACTION PLAN~~ GREENWASH



Problems



- **Real value of recyclables** – over-optimism about the revenue potential from recyclables is a problem.
- **Communications** – talking to citizens is not easy. New approach needed for the local utility company.
- **Trust** – legacy issues from previous, failed pilots. Citizens need to believe local government plans.
- **Measuring the quality** of source separation, to enable fair share of costs. No solution yet.

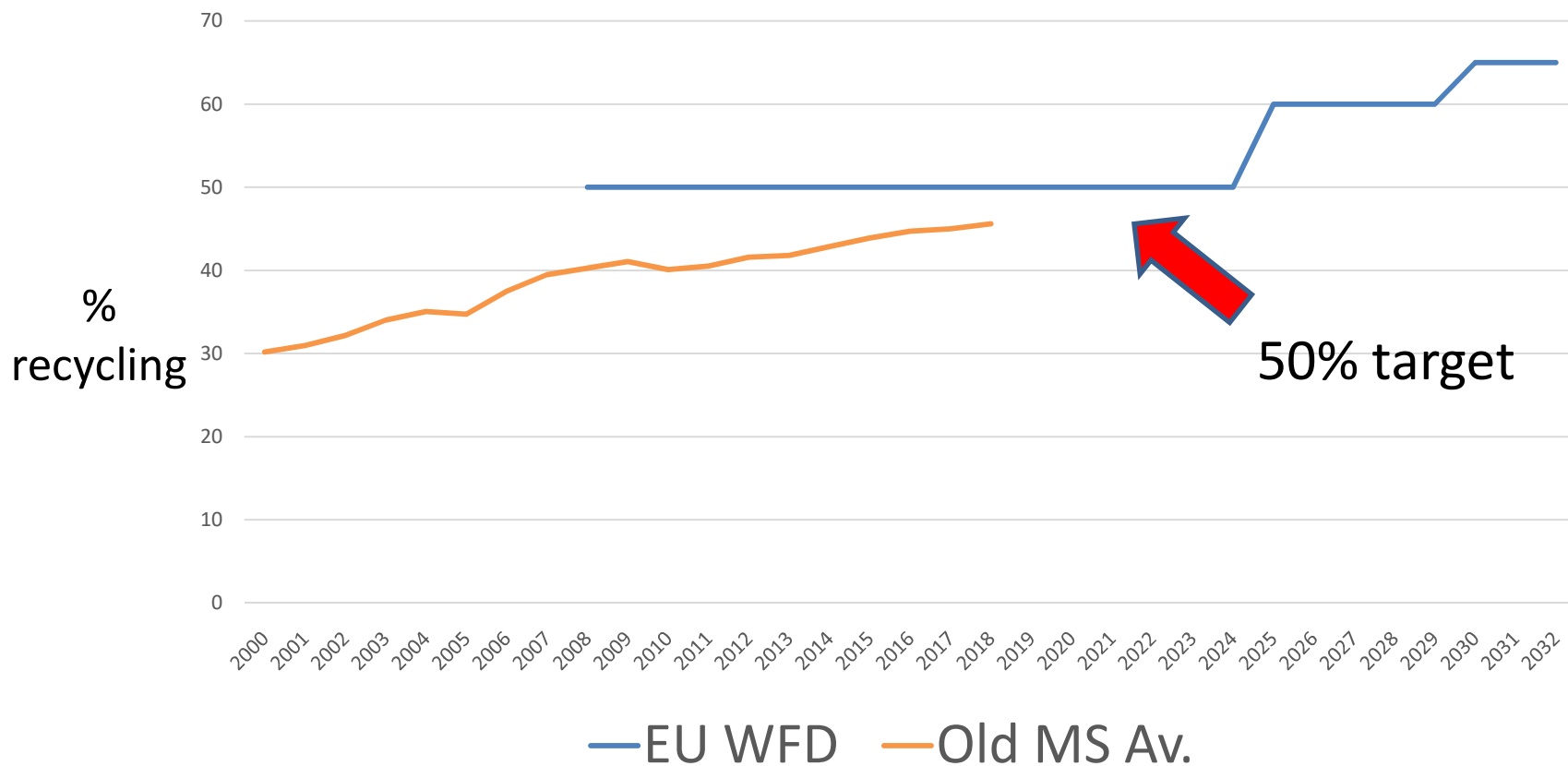
Arilje Results

- 10% recycling within 2 years.
- Saved Arilje €20 per tonne landfill cost. Diverted over 120 tonnes a year from landfill into the market.
- Extended the life of the landfill.
- Sustainably operating 7 years later.



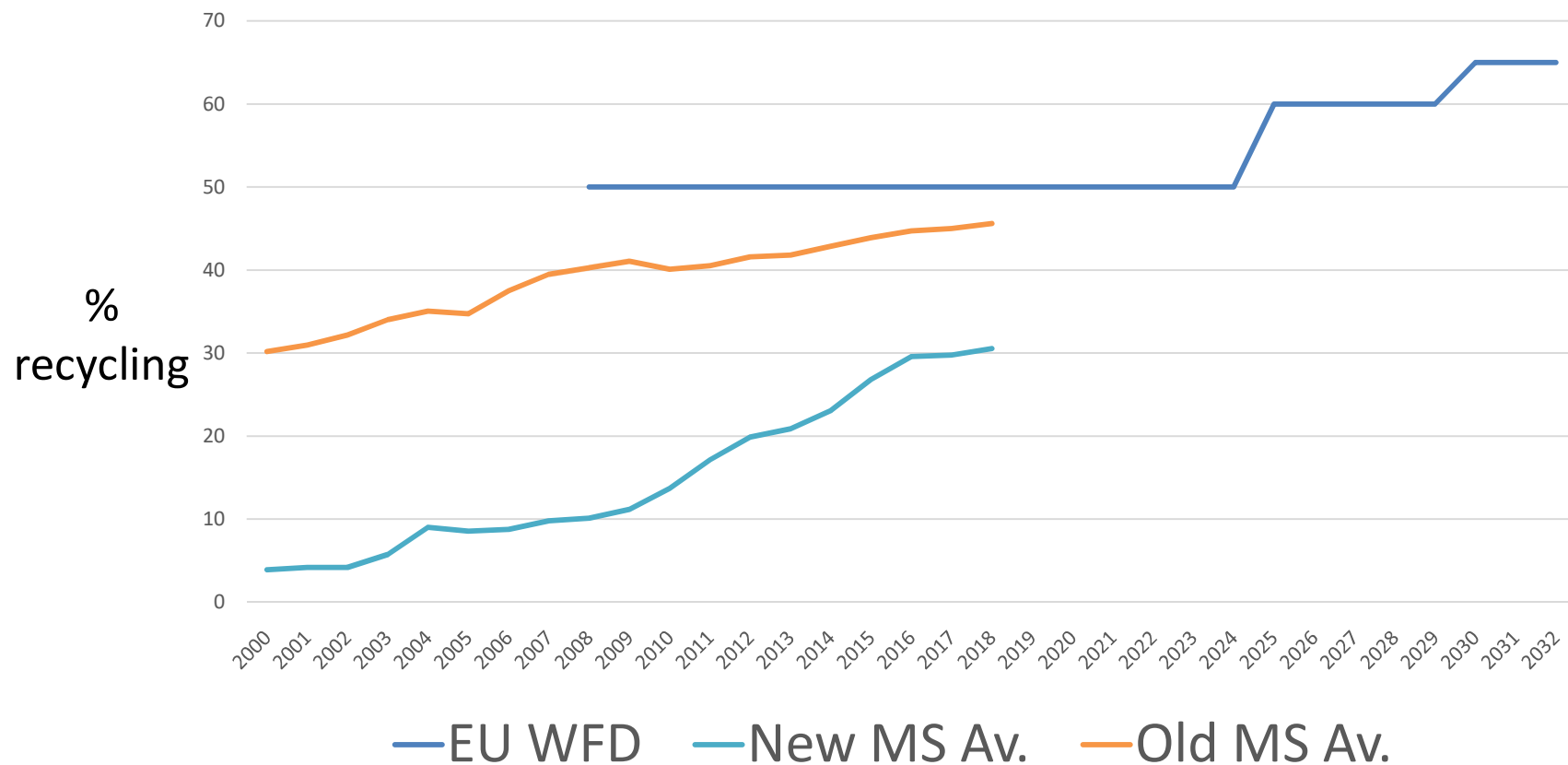
Building trust - Recycling Targets

Waste Framework Directive Art.11



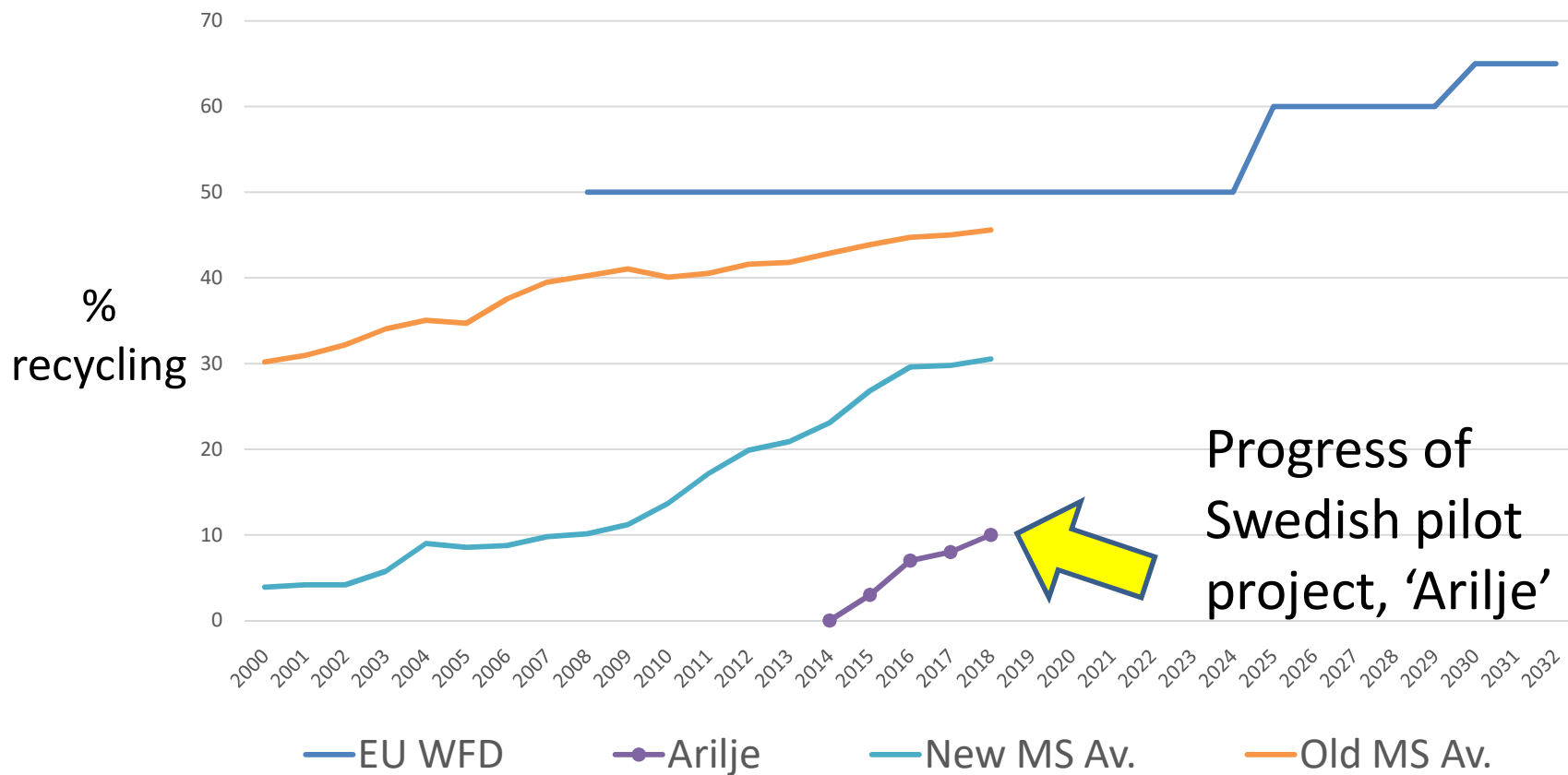
New generation of recyclers

'New' EU MS, WFD Art.11



Albania's opportunity

Swedish support, local determination



Role of authorities in the introduction source separation

Local authority: Set and measure targets, provide local legislation, attract funding.

Utility companies: technical design of new system, train staff, launch and maintain services.

Ministry, international partners, citizens ‘the Alliance’: Support change, recognize ‘soft’ needs.

All: communicate, communicate, communicate.

Keys to success – introduction of household recycling

System is simple and integrated.

Communications are **persistent** and **inclusive**.

Targets are clear and enforced.

Costs are **affordable**.

Institutions are ready **to change**.



Thank you for your time.

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