

MOSEV plast s.r.o.  
Nová Hradečná 221  
783 84 Nová Hradečná  
CZECH REPUBLIC

tel: 00420 585 032 511  
fax: 00420 585 032 171  
mob. 00420 603 720 812

[www.mosevplast.cz](http://www.mosevplast.cz)  
[mosev@mosevplast.cz](mailto:mosev@mosevplast.cz)  
[stuchla@mosevplast.cz](mailto:stuchla@mosevplast.cz)

*High quality standards of ISO 9001 & ISO 14000*

**Company operating in ecology business  
& waste management,**

**producing noise barriers**

**& other products**

**from recycled plastic waste**

**mosev**  
plast s.r.o



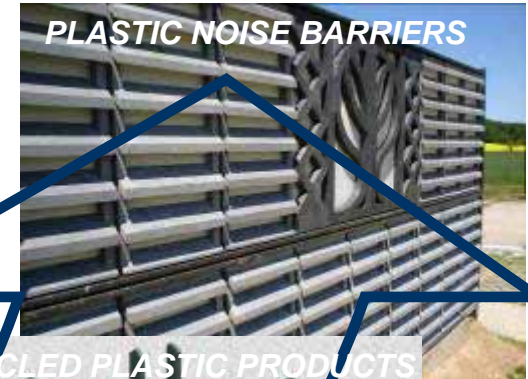
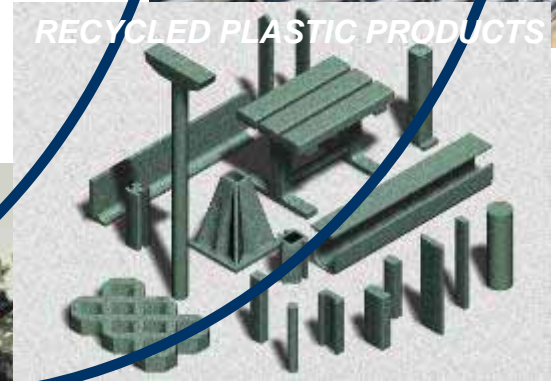
Noise barriers production from recycled plastic waste is supported and follows:

- Directive EU 2006/ 12/ ES about the waste recycling
- Directive EU 2002/ 49/ EC about the noise pollution

**INPUT**

**RECYCLING**

**OUTPUT**

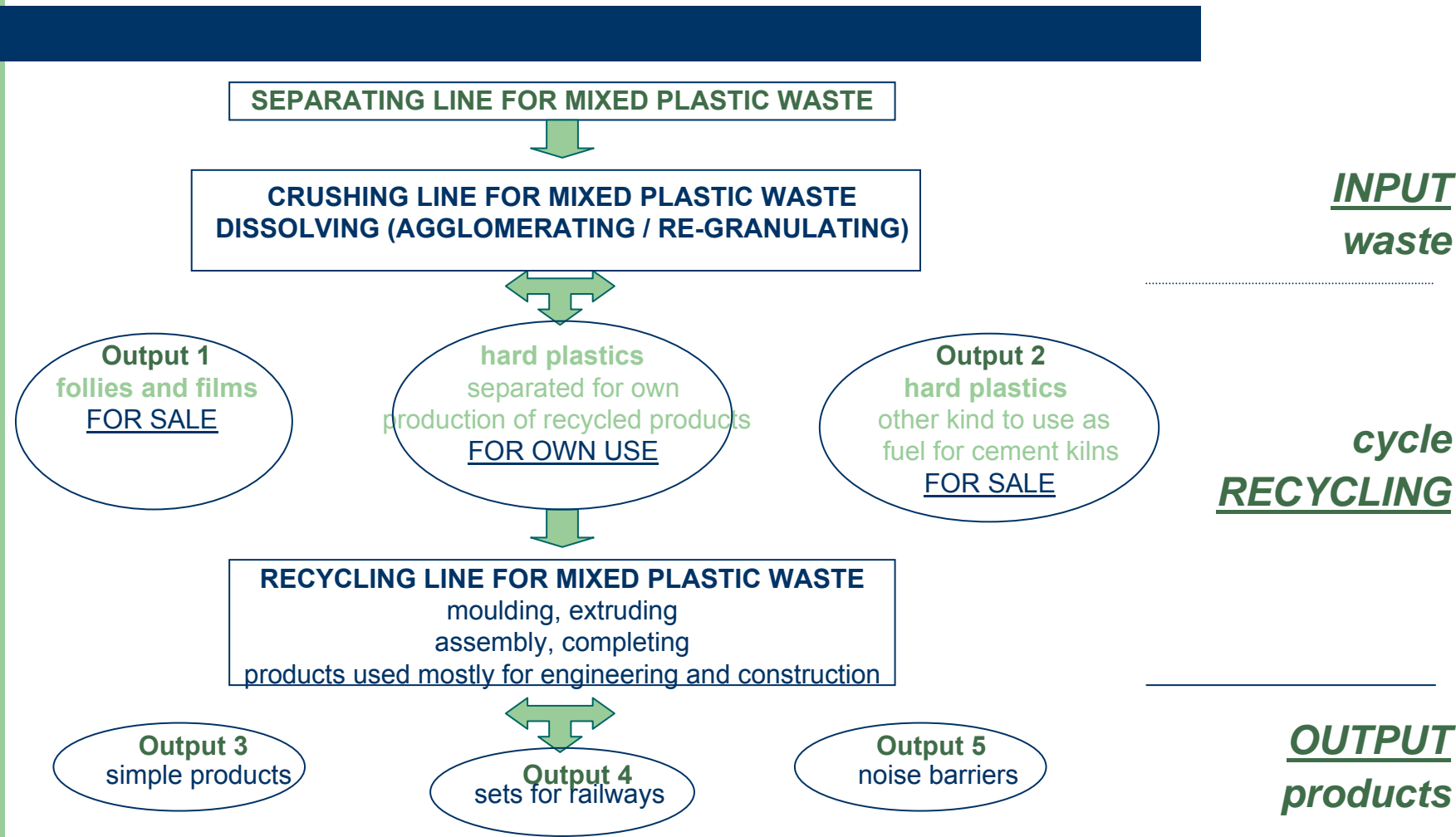


# RECYCLING = material utilization



= process to make **waste** to be **new material or new products**  
 = process preferred against energetic utilization (waste combustion)  
 and so economizes natural sources and energies

## LET'S THINK ECOLOGICLY...



## INPUT = plastic waste

Every citizen produces about **25 kg** of plastic waste annually, it means 10 mil. people = **250 000 t**.  
MOSEV plast s.r.o. recycle about **1 200 t annually**, just a bit, it means there is enough space to **use recycled materials and save energy and limited sources** as wood, concrete, metal,...

mostly **HD-PE, LD-PE, partly PP, PS, PET**

hard plastics



follies & films





# OUTPUT = recycled products

plastic  
agglomerate

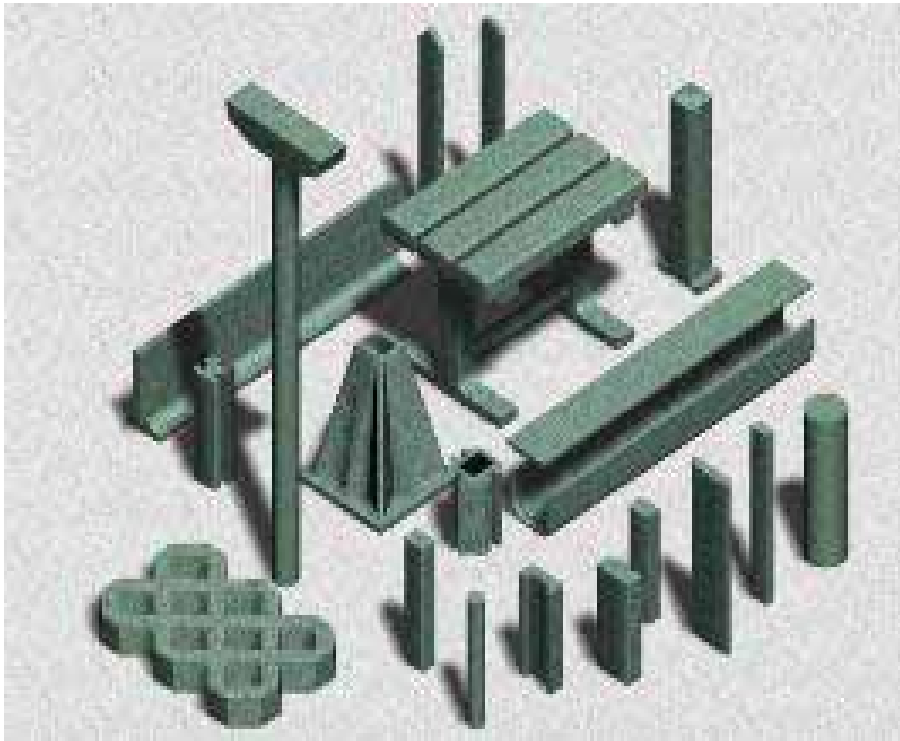
plastic  
flakes

simple  
products

sets for  
railways

noise  
barriers

## Where to use:



- **Transport infrastructure**  
(noise barriers, sets for railways)
- **Construction works**  
(laths, desks, sticks,... )
- **Engineering**  
(geologic markers, basements, curbs ...)
- **Telecommunication**  
(cable troughs & their top covers)
- **Agriculture**  
(fences, fence posts, snow barriers,... )
- **House & garden**  
(grass tiles)
- **Army, navy, shipping, water sports**  
(jetties, fortification blocks,...)
- **Municipalities**  
(park benches and desks, garbage bins,...)

# OUTPUT – raw material

## Where to use:

raw material for own production  
sale as input to other producers  
sale as fuel to cement kilns

plastic  
flakes



plastic  
agglomerate



# OUTPUT – simple products

simple  
products

Where to use: home & garden, agriculture, municipalities, construction works, engineering ....

desks, laths, posts, palisades,... fences, benches, flower pots...





# OUTPUT – sets for railways

sets for  
railways

Where to use: railways, construction & public works & engineering, industry ....

sets UKMP-W, curbs with connection, cable troughs & their top covers,...





# OUTPUT – noise barriers

We have been producing noise barriers since **1998**,  
from that time have made **50 000 m<sup>2</sup> walls** total,  
in **2006** it was about **18 000 m<sup>2</sup>**.

**DSH5**

**DSH6**

**DSH7**

**DSH8**

**DSH12**

**DSH13**



panel DSH 5  
*reflexing*



panel DSH 6  
*reflexing transparent*



panel DSH 7  
*absorbing - lath*



panel DSH 8  
*high absorbing - lath*



panel DSH 12  
*absorbing - lamella*



panel DSH 13  
*double side absorbing - lamella*

# Panels noise reflexing

DSH plast 5

DSH plast 6  
transparent

Acoustic characteristics regarding standards ČSN EN 1793-1,2: soundproof B3 - 36 dB





# Panels noise absorbing

DSH plast 7

DSH plast 8  
high absorbing

DSH plast 12

DSH plast 13  
double side

Acoustic characteristics regarding standards ČSN EN 1793-1,2: absorbability **A4: 8- 11- 13-17 dB**,  
soundproof **B3: 36 dB**

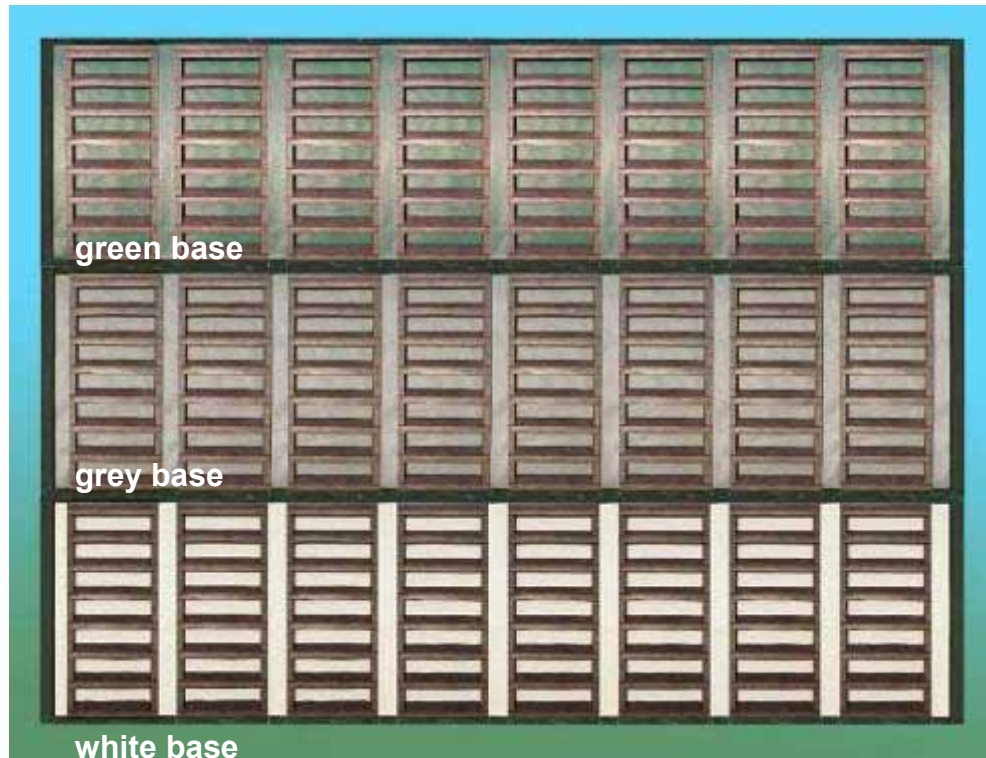




# Design & colors of panels DSH plast

We produce 6 types of panels in 3 base colours = 18 basic variations and many atypical panels and version regarding the customer request

**brown color fully profiled plastics**



**decoration  
„LIST“**



**decoration  
„NOSNE LOZE“**



**construction for  
plants & flowers**

# Advantages of noise barriers made of recycled plastics

- High social & ecological value
- Recycled material helps the environment
- Easy to find plastic waste as input material
- Ecologic contribution & safe cost
- Great evaluation by users, investors, authorities
- Best comparative price among usually used materials (concrete, wood, metal, ...)
- Long life length with no need of maintenance (25 years min, guarantee 5 years)
- The best acoustic characteristics of noise barriers on the market (A4 <17dB)
- Re-recycling possibility
- Low weight (5x lighter then concrete)
- Weather influences resistance
- Acids and alkalines resistance
- Easy to manipulate and assembly
- 240 m2 of wall (height 1 m) is possible to carry with 1 truck transportation
- 240 m2 of wall is possible to build up within 5 hours into frame columns HEB/A.



# Quality guaranties, certificates

Our products fulfill the parameters of ČSN EN (CZ norms & EU norms), ISO standards, authority directives of Ministry of Transportation of Czech Rep. Czech Railways & Road and Motorway Directorate of the Czech Republic , regarding technical parameters, tests, business conditions, guaranties, design documentation and other requests and ordinary customs

Standards ISO 9001 & ISO 14000







MOSEV plast s.r.o.  
Nová Hradečná 221  
783 84 Nová Hradečná  
CZECH REPUBLIC

tel: 00420 585 032 511  
fax: 00420 585 032 171

[www.mosevplast.cz](http://www.mosevplast.cz)  
[mosev@mosevplast.cz](mailto:mosev@mosevplast.cz)  
[stuchla@mosevplast.cz](mailto:stuchla@mosevplast.cz)

**Thank you** 😊

**Please don't hesitate to ask any questions.**

**We are ready to provide you with more information and give you documentation about our projects:**

- plastic waste recycling line
- distribution of our products, mainly noise barriers

**Bedřich Stuchlý**  
general director

**Leona Stuchlá**  
sales director