



COORDINADOR



SOCIOS



PROJEKT: LIFE15 ENV/ES/000208

***VISOKOKVALITETNI METILAL  
DOBIVEN KATALITIČKIM  
HIDRO-RASPLINJAVANJEM PLAZMOM OD  
NERECKLABLNOG PLASTIČNOG OTPADA***

mi-plast

[www.mi-plast.eu](http://www.mi-plast.eu)

This project has received funding from  
the LIFE financial instrument of the  
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LIFE Webinar: Predstavljanje rezultata,  
Zagreb, 21.05.2021



- MSP aktivan od 1993. u proizvodnji i preradi plastične ambalaže
- Projekti Istraživanja i razvoja od 2014.
- ECOMETHYLAL
- Trajanje projekta: 09/2016 – 03-2021
- Budžet: 2 mil.eura
- 5 partnera iz Španjolske i Hrvatske



## PROBLEM



- Višeslojna ambalaža
- Elektični i elektronski otpad
- Automobilski otpad
- 7,2 milijuna tona plastičnog otpada u Evropi 2018.godine



## EKO-METILAL PILOT POSTROJENJE



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## ŠTO PILOT POSTROJENJE RADI?

Plastični otpad se mehanički usitnjava na komadiće promjera 2-3cm



Stroj obrađuje otpad i pretvara ga u METILAL.



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## NUSPROIZVODI PROCESA

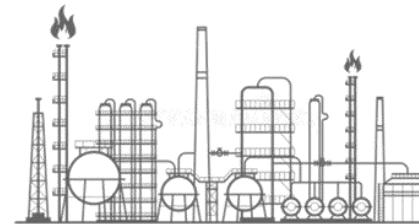


**Kruti nusproizvod**  
uglični prah i  
minerali

**Tekući nusproizvod**  
onečišćena voda

**Plinovi**  
Analiza provedena  
na plinovima  
pokazuje da njihov  
sastav u skladu s  
važećim propisima  
EU

## BUDUĆA PRIMJENA

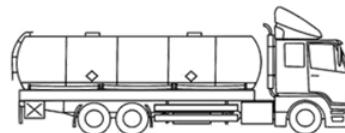


**The waste manager** provides the industrial user with plastic waste

**The waste manager** transports the plastic waste from the waste management site to the industrial client

**The industrial user** operates and maintains the plant to transform plastic waste into feedstock

**BPP** sells its chemical recycling plant to the industrial user



**BPP** sells its chemical recycling plant to the waste manager

**The waste manager** provides the plastic waste for its own use

**The waste manager** operates the plant to produce chemical feedstock that stocks and transports to the industrial client

**The waste manager** sells the feedstock to the industrial user

## BUDUĆA PRIMJENA

Kapacitet proizvodnje u litrama na sat	300	600
Povrat investicije u godinama	3,1	2,4
Cijena materijalne opreme	5.257.620 €	8.814.220 €
Investicija u eurima po litri/sat	17.525 €	14.690 €
Očekivani godišnji prihod	2.880.000 €	5.760.000 €
Godišnji operativni troškovi	1.251.450 €	2.123.945 €
Zarada	1.628.550 €	3.636.055 €
Direktni trošak po litri	0,52 €	0,44 €



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# Hvala na pažnji!

Project video: [https://youtu.be/\\_xKUzJlohbM](https://youtu.be/_xKUzJlohbM)



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