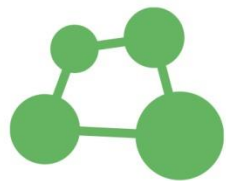


# DEN KLASTRŮ VE ZLÍNSKÉM KRAJI

**„Role a vliv Plastru na výzkum a vývoj u  
plastikářských firem“**

4.10.2017



Plastics  
Cluster

## O Plastri

Členská základna

Aktivity

VaV

Kontakt

# O Plastri

*Zlínský kraj*

*Populace: cca 600 000*

*Rozloha: 3 964 km<sup>2</sup>*



## Plastikářský klastr

 nezisková organizace společností zabývajících se polymerami.

 založená 27.2.2006

## CÍL

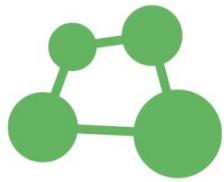
Vytvořit platformu pro komunikaci a kooperaci mezi členy

## VIZE

Ustanovit Zlínský region centrem pro inovativní způsoby zpracování plastů.



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
INVESTMENT IN YOUR FUTURE



Plastics Cluster

# O Plastri

Zlínský kraj

Populace: cca 600 000

Rozloha: 3 964 km<sup>2</sup>

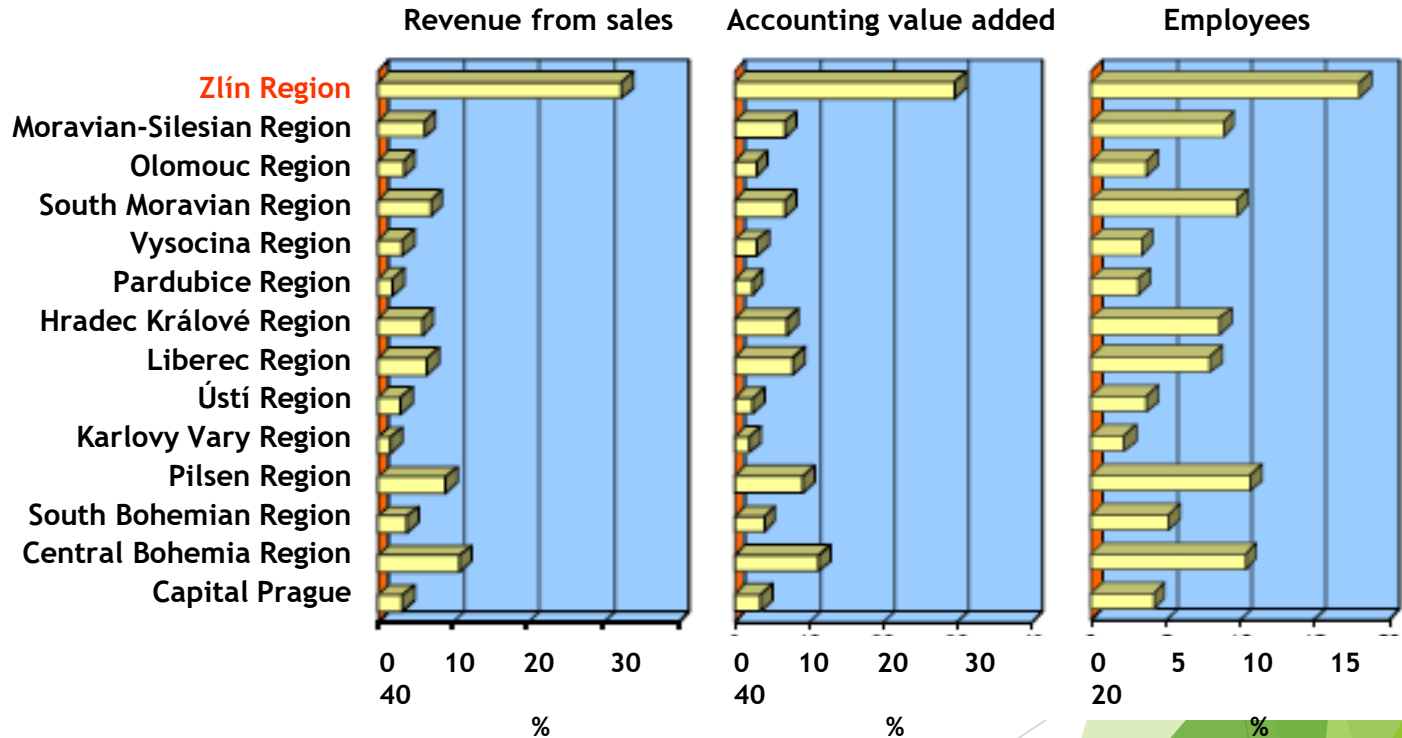
## O Plastri

Členská základna

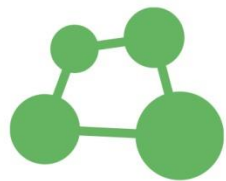
Aktivity

VaV

Kontakt



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
INVESTMENT IN YOUR FUTURE



Plastics  
Cluster

O Plastru

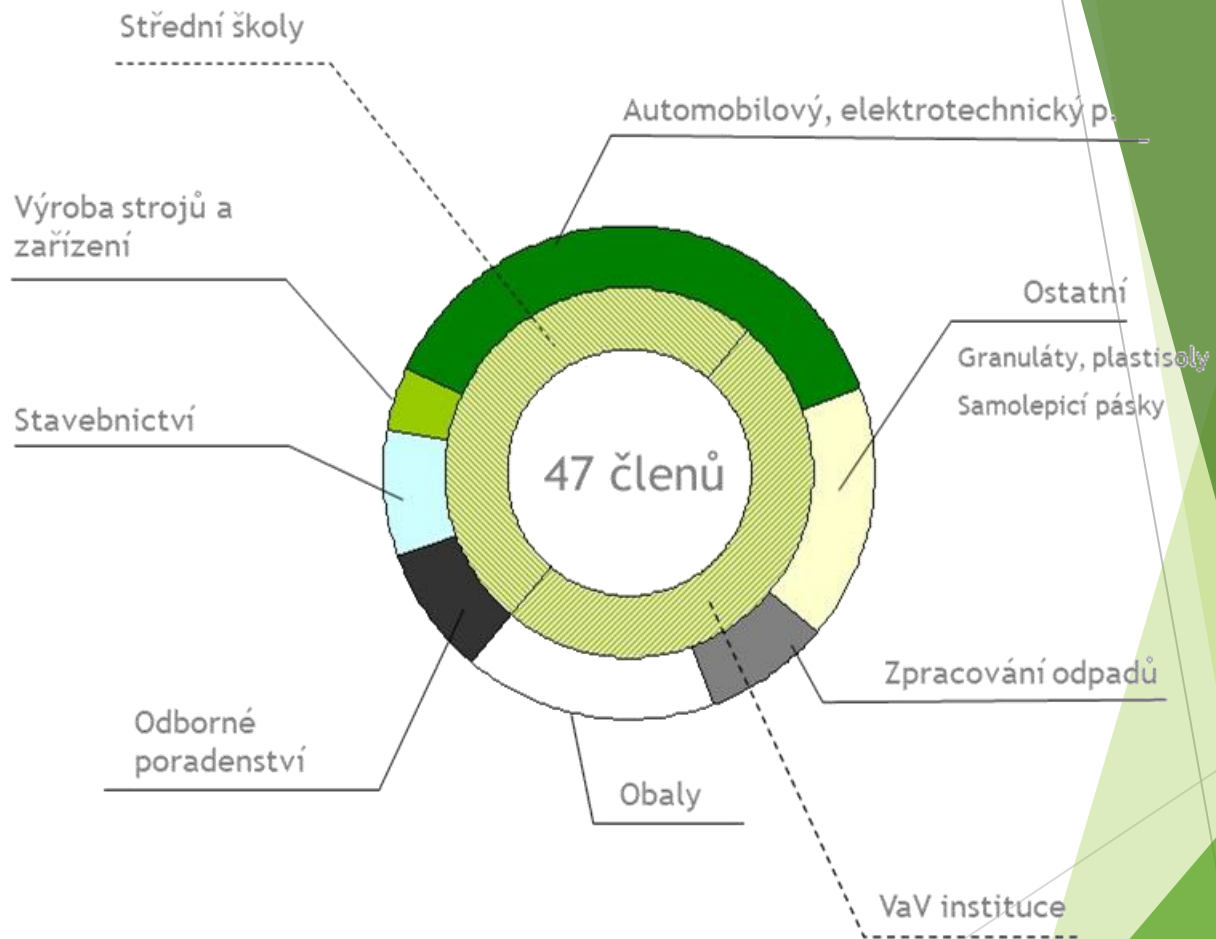
Členská základna

Aktivity

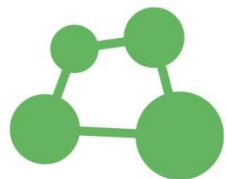
VaV

Kontakt

# Členská základna



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
INVESTMENT IN YOUR FUTURE



**Plastics**  
Cluster

# Aktivity

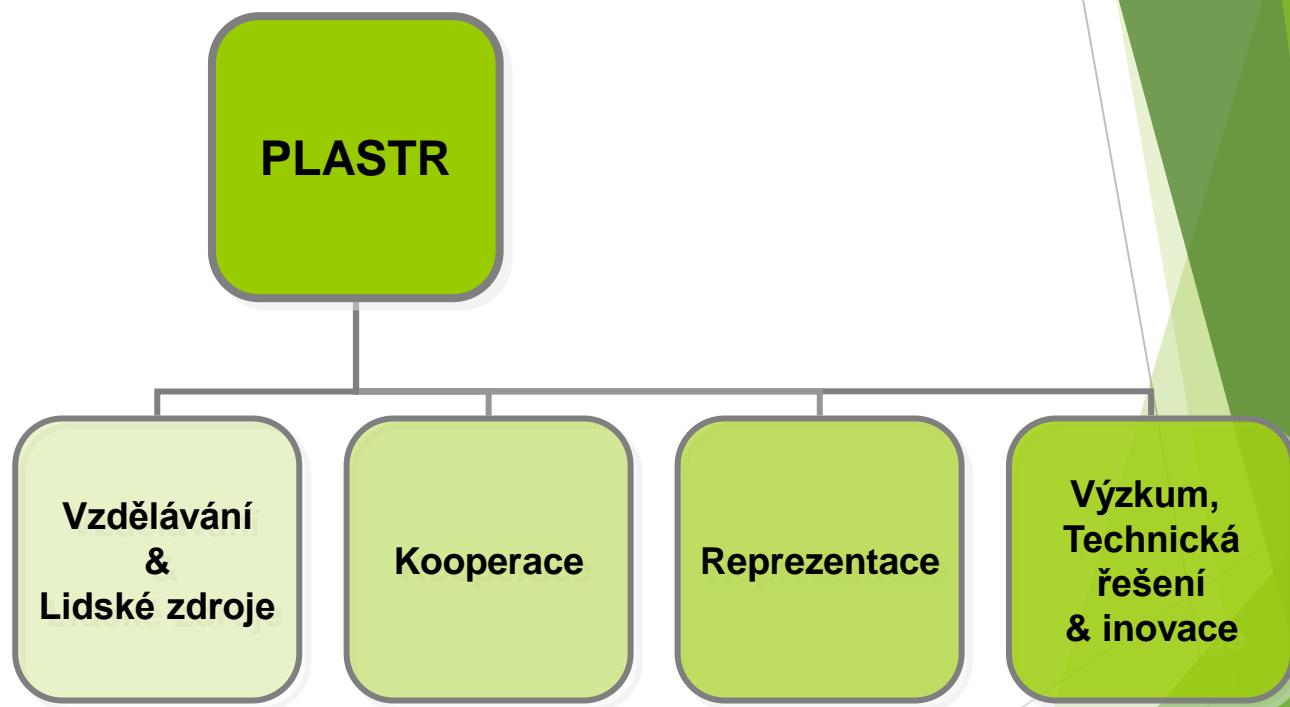
O Plastri

Členská základna

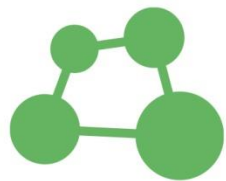
**Aktivity**

VaV

Kontakt



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
INVESTMENT IN YOUR FUTURE



Plastics  
Cluster

# Aktivity

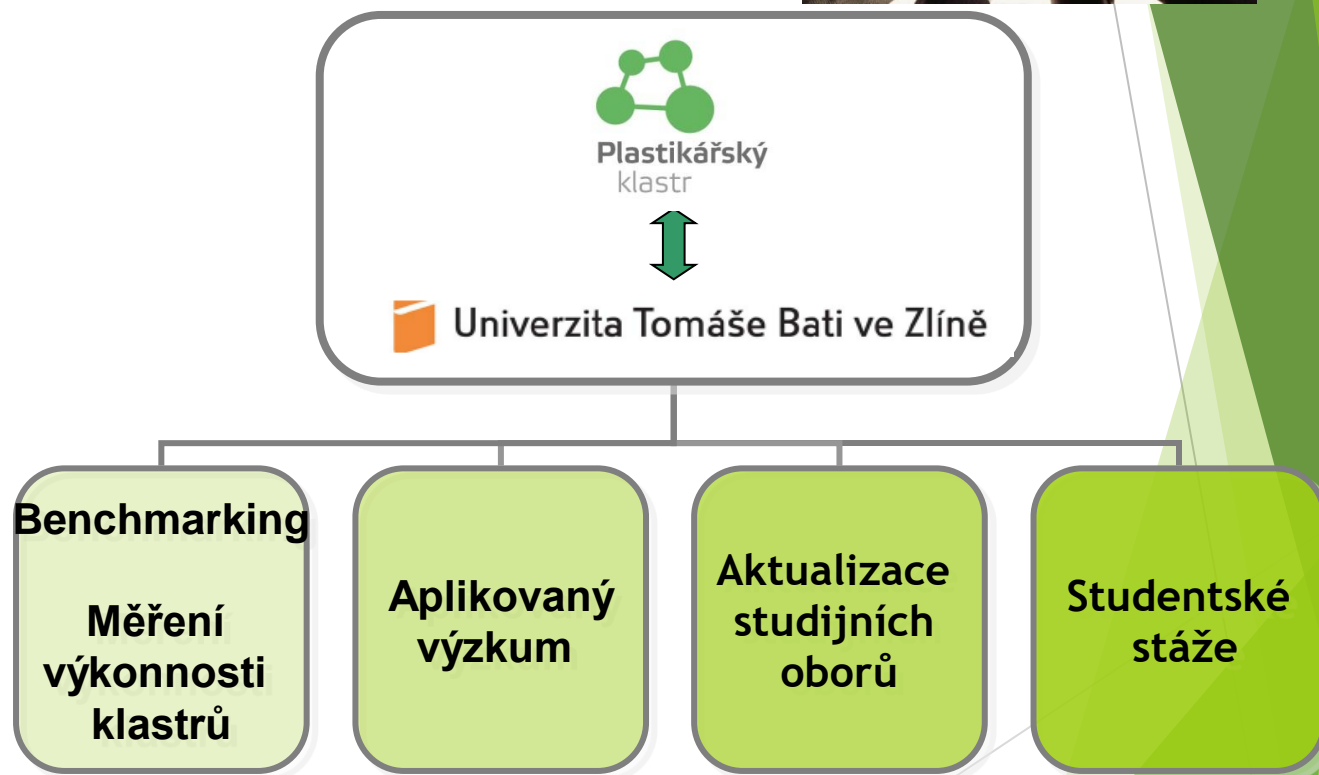
O Plastru

Členská základna

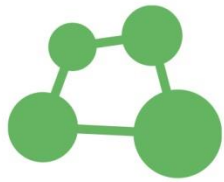
**Aktivity**

VaV

Kontakt



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
INVESTMENT IN YOUR FUTURE



Plastics  
Cluster

O Plastri

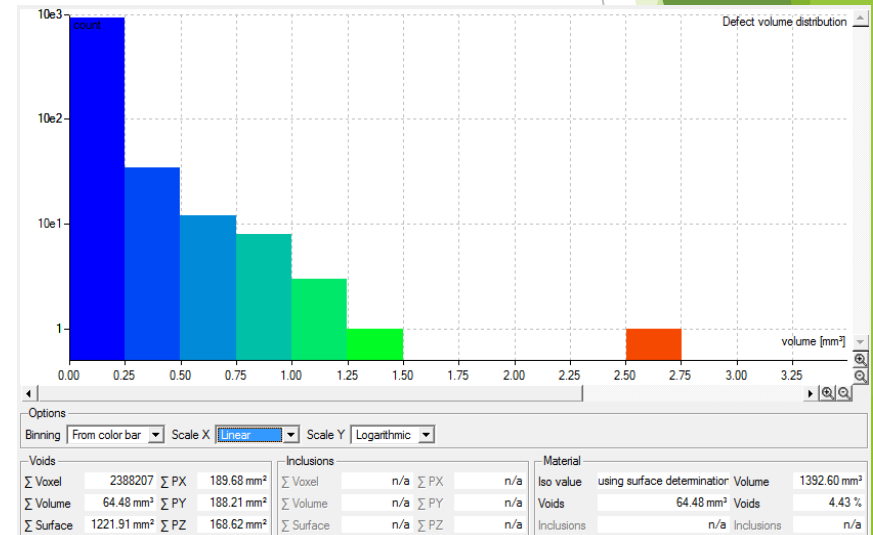
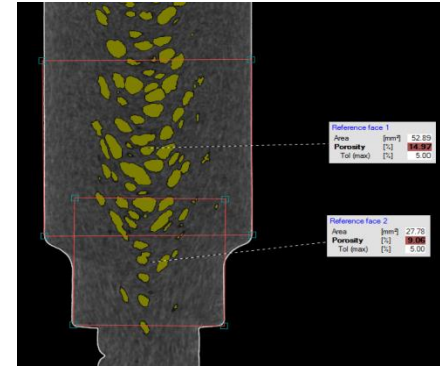
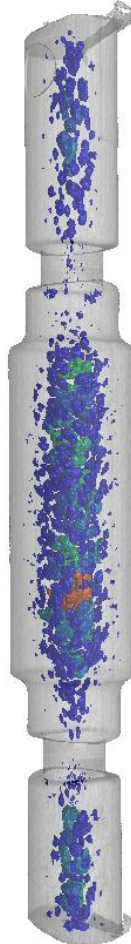
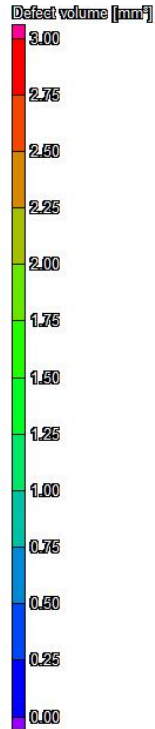
Členská základna

Aktivity

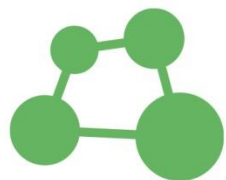
VaV

Kontakt

# VaV - CT skenování



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
INVESTMENT IN YOUR FUTURE



Plastics  
Cluster

# VaV - CT skenování

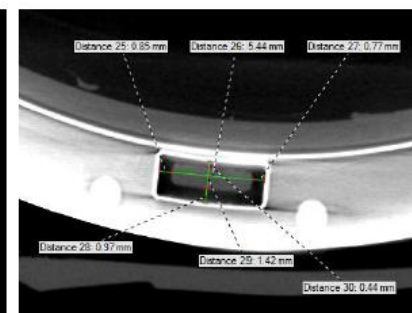
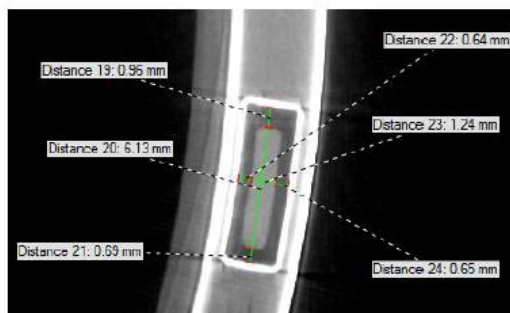
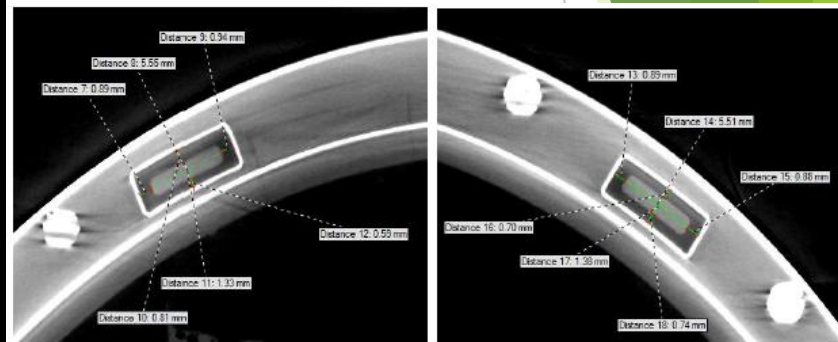
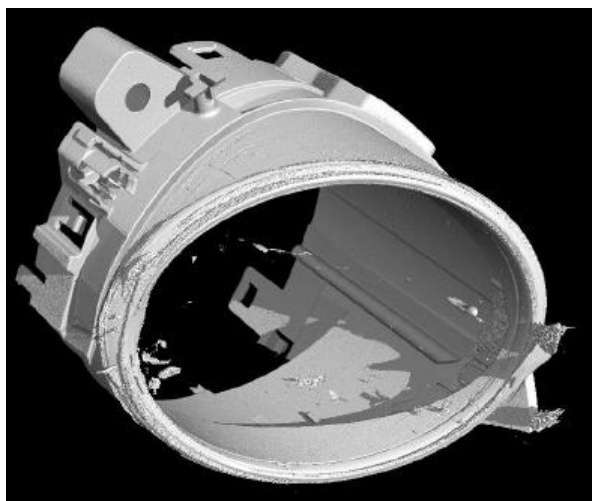
O Plastri

Členská základna

Aktivty

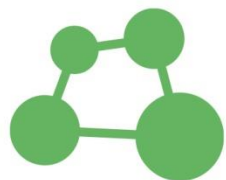
VaV

Kontakt



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
INVESTMENT IN YOUR FUTURE





Plastics  
Cluster

O Plastri

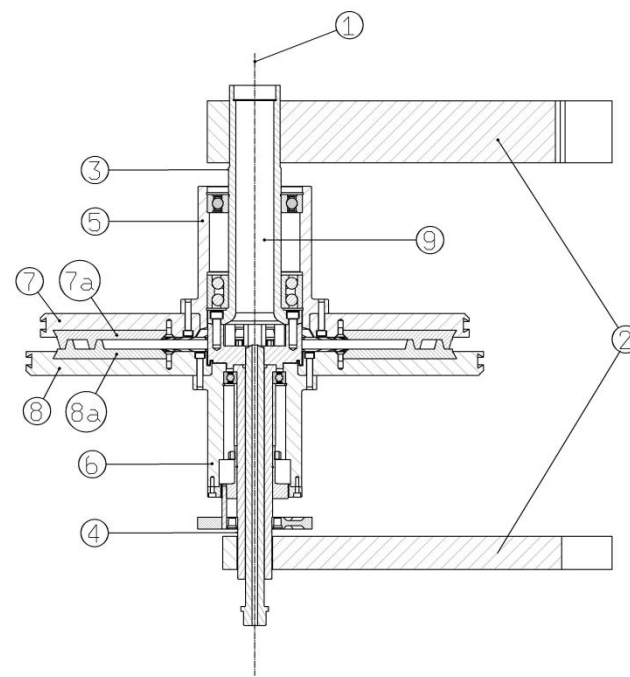
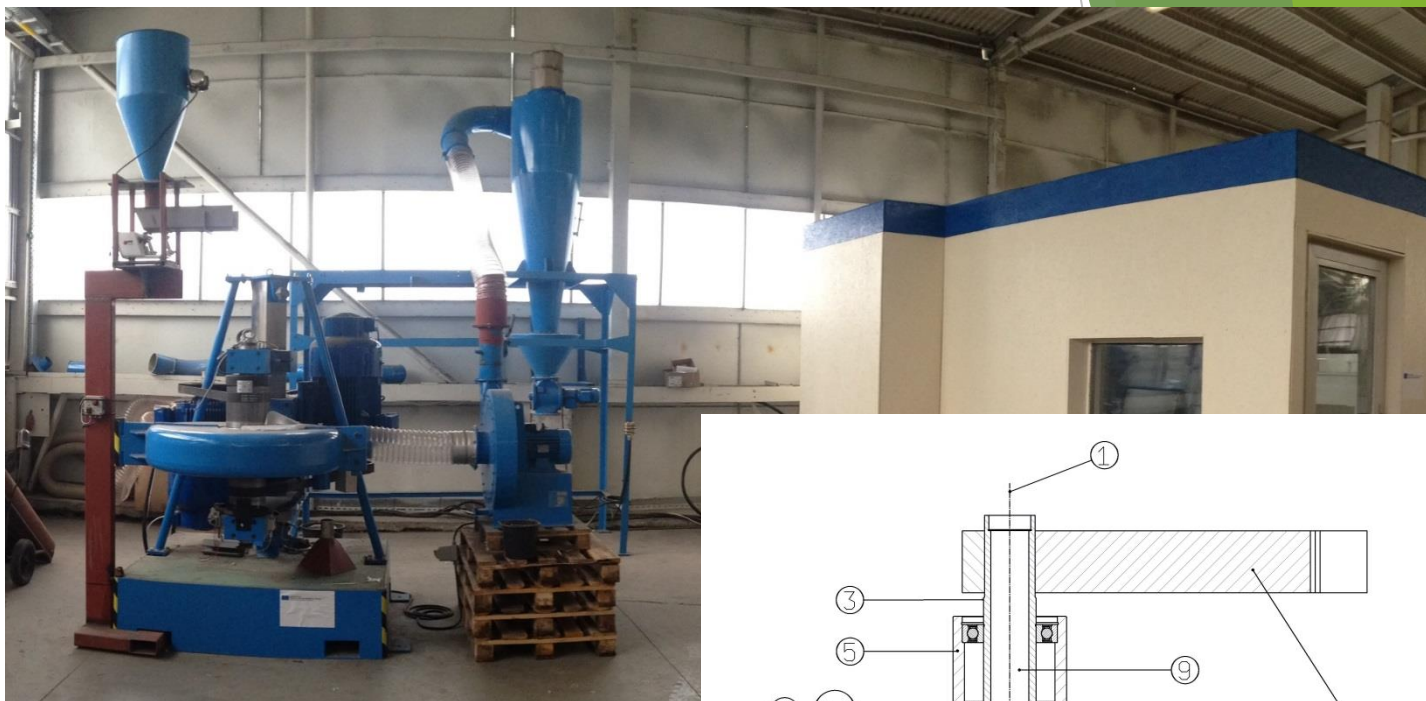
Členská základna

Aktivity

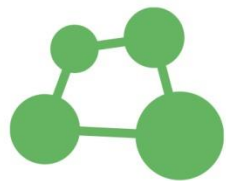
VaV

Kontakt

# VaV - dezintegrace částic



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
INVESTMENT IN YOUR FUTURE



Plastics  
Cluster

O Plastru

Členská základna

Aktivity

VaV

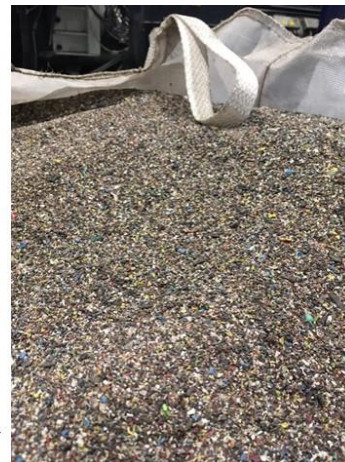
Kontakt

# VaV - dezintegrace částic

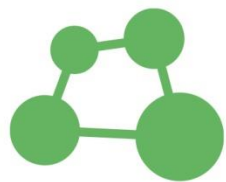


↑  
Postkonsumní odpad z kabelů

Drť po „vytěžení“ mědi a hliníku →



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
INVESTMENT IN YOUR FUTURE



Plastics  
Cluster

O Plastri

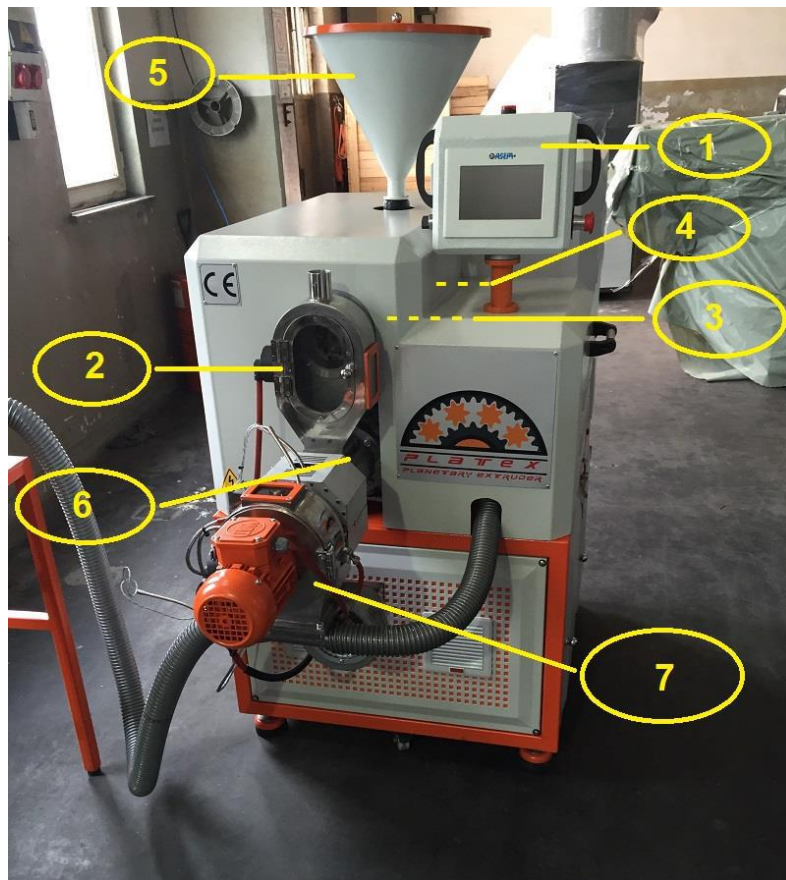
Členská základna

Aktivity

VaV

Kontakt

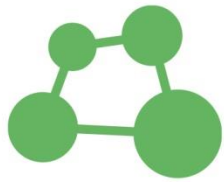
# VaV - dezintegrace částic



*Planetární technologie  
kompoundace pro laboratorní  
a poloproduční batche :*



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
INVESTMENT IN YOUR FUTURE



Plastics  
Cluster

O Plastri

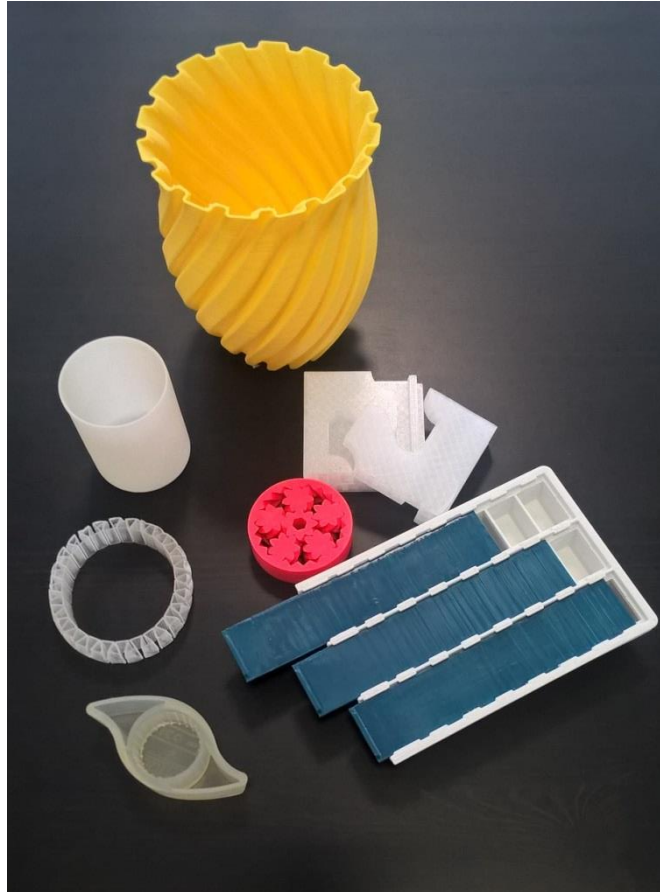
Členská základna

Aktivity

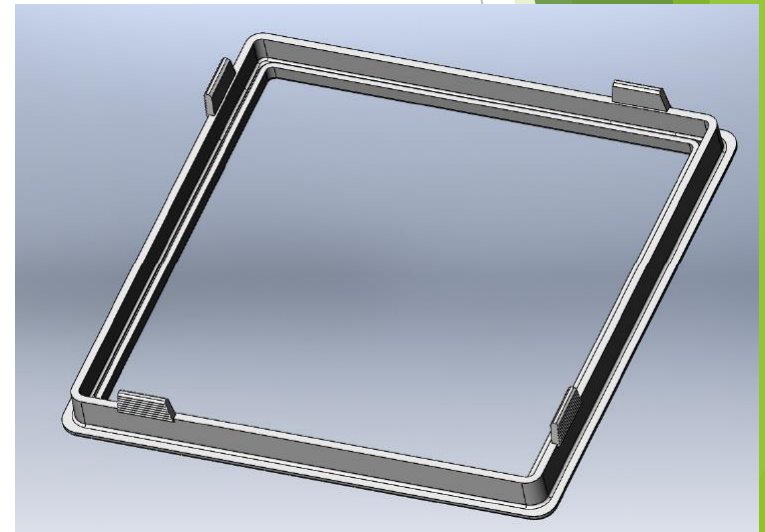
VaV

Kontakt

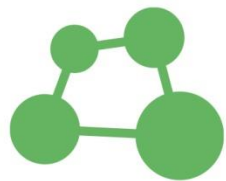
# VaV - 3D tisk



*Aktivity v oblasti 3D tisku,  
návrh receptur pro tiskové  
struny, úpravy modelů dle  
požadavků firem:*



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
INVESTMENT IN YOUR FUTURE



Plastics  
Cluster

O Plastri

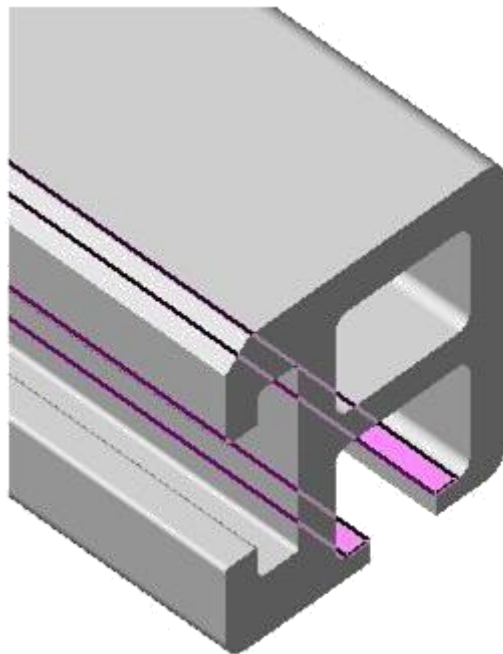
Členská základna

Aktivity

VaV

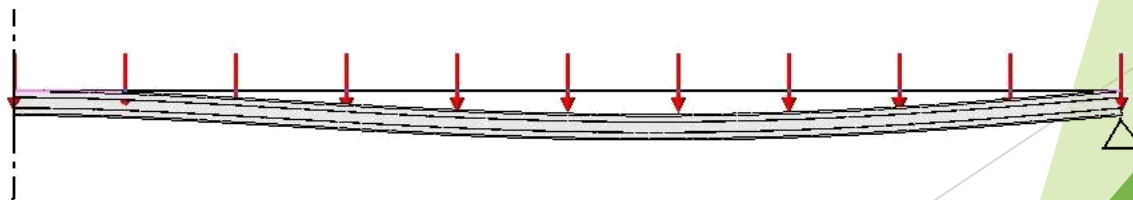
Kontakt

# VaV - 3D tisk

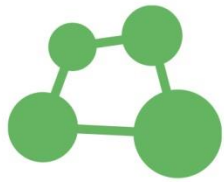


*Příklady řešení pevnostních charakteristik nových nebo stávajících výrobků - návrhy designových, materiálových a procesních úprav :*

profil\_600-1 :: Deformed Shape  
Deformed Shape Deformation Scale 1 : 10



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
INVESTMENT IN YOUR FUTURE



Plastics  
Cluster

O Plastri

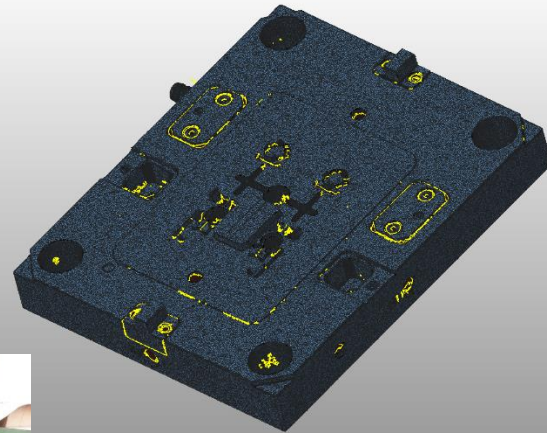
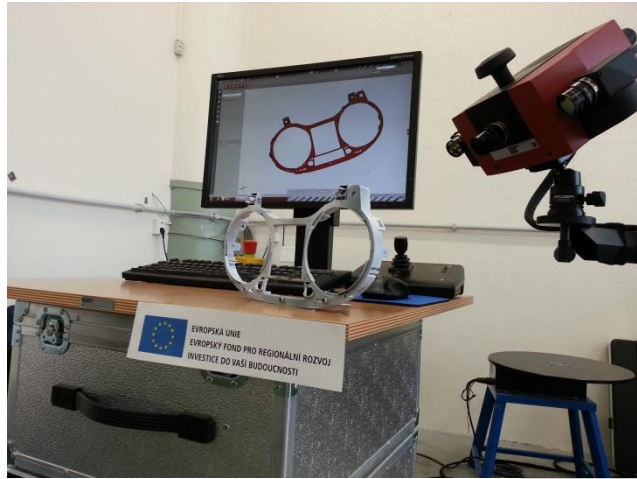
Členská základna

Aktivity

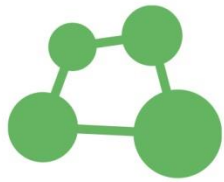
VaV

Kontakt

# VaV - 3D skenování



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
INVESTMENT IN YOUR FUTURE



Plastics  
Cluster

O Plastri

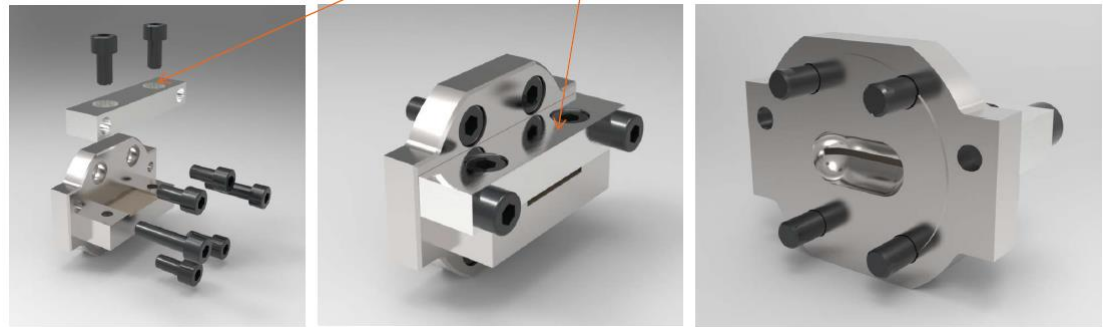
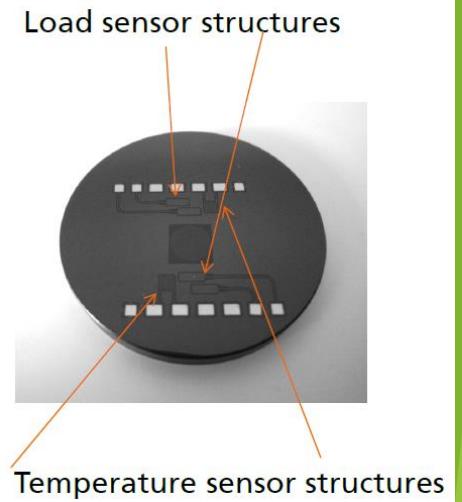
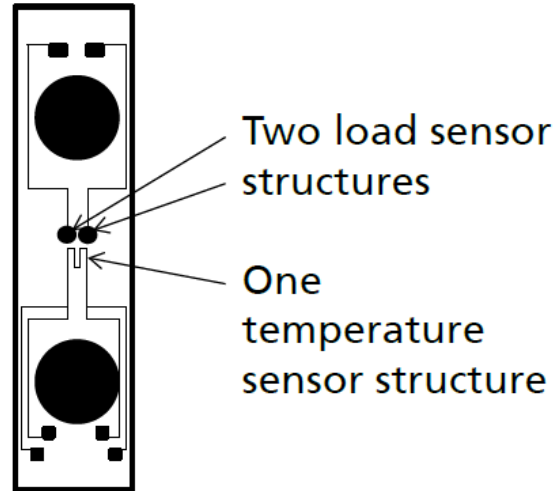
Členská základna

Aktivity

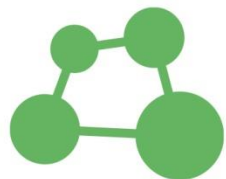
VaV

Kontakt

# VaV - CORNET Smart NFR



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
INVESTMENT IN YOUR FUTURE



Plastics  
Cluster

O Plastru

Členská základna

Aktivity

VaV

Kontakt

# VaV - dezintegrace částic

**Plastikářský klastr z.s. (PLASTR)**

**Vavrečkova 5262**

**760 01 Zlín**

**Czech Republic**

**[www.plastr.cz](http://www.plastr.cz)**

**+420 721 272 119, [hausner@plastr.cz](mailto:hausner@plastr.cz)**

Ing. Jakub Huba

**Ústav výrobního inženýrství**

**Univerzita Tomáše Bati ve Zlíně**

**[jhuba@utb.cz](mailto:jhuba@utb.cz)**



EUROPEAN UNION  
EUROPEAN REGIONAL DEVELOPMENT FUND  
INVESTMENT IN YOUR FUTURE