



PAPER BIO PACK

WHAT'S THE FUTURE
OF PACKAGING IN
CENTRAL EUROPE?

WWW.PAPERBIOPACK.EU



FINAL CONFERENCE, 26th-28th October 2020; 10:00-13:30

Public Institution RERA S.D. for Coordination and Development of Split Dalmatia County,
Croatia



Gorana Baničević, gorana.banicevic@rera.hr

Contents:

1. Pilot actions conducted within T2 by PP no. 4 Public Institution RERA S.D.
2. Pilot promotion activities



Public Institution RERA S.D. for Coordination and Development of Split Dalmatia County, Split, Croatia (project partner PP4)

(www.rera.hr)



- Regional development agency

RERA S.D. is a regional development agency established by Split Dalmatia County (regional self-government body). Core activities refer to preparation and implementation of EU projects. The agency runs activities connected to support for the SMEs in different fields providing them support in developing business plans, providing them education and information and connecting SME sector to R&D institutions.



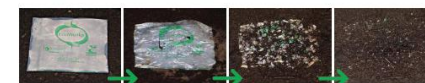
PROJECT PARTNERS FROM CROATIA



EcoCortec d.o.o., Beli Manastir (project partner PP3)
(www.ecocortec.hr)



ECOCORTEC specializes in developing and manufacturing value-added biodegradable/compostable flexible films that outperform non-degradable and other biodegradable materials currently on the market. The company develops eco-efficient production of biodegradable films that combines new technology and high productivity with positive effect on environment.



Eco Works® bags contain biodegradable polyesters, including an annually renewable biopolymer source derived from plant sugars. When placed in an industrial compost setting, they will biodegrade within a matter of weeks, with no eco-toxicity to the soil.

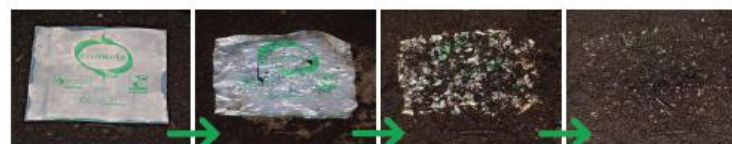


4 companies



WP2 - TESTING OF THE BUSINESS SUPPORT SERVICE - CROATIA

2019 and afterwards - testing the business support - project partner no. 4 EcoCortec d.o.o., Beli Manastir, www.ecocortec.hr/



Eco Works® bags contain biodegradable polyesters, including an annually renewable biopolymer source derived from plant sugars. When placed in an industrial compost setting, they will biodegrade within a matter of weeks, with no eco-toxicity to the soil.



EcoCortec®
FIRST CROATIAN
BIOPLASTICS PLANT

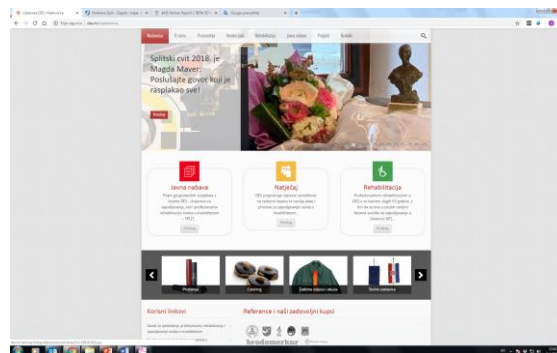
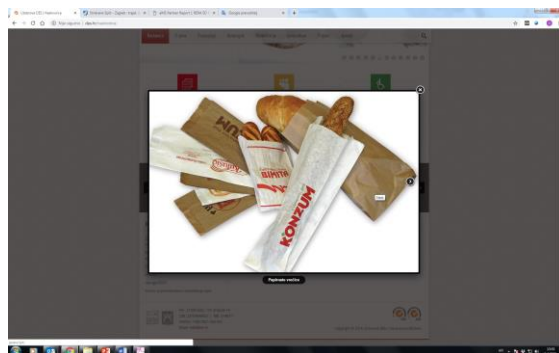


WP2 - TESTING OF THE BUSINESS SUPPORT SERVICE - CROATIA

2019 and afterwards - testing the business support - project partner no. 4 EcoCortec d.o.o., Beli Manastir, www.ecocortec.hr/



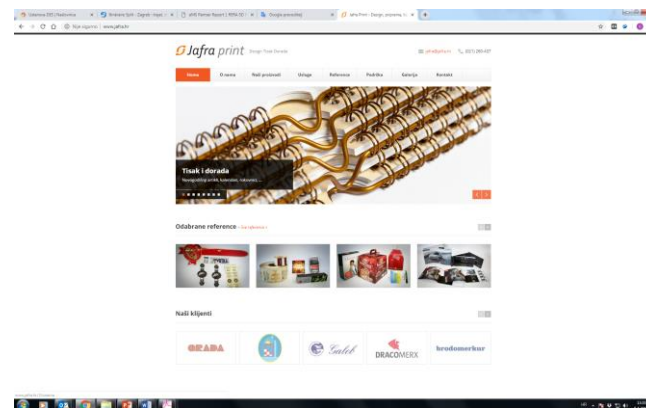
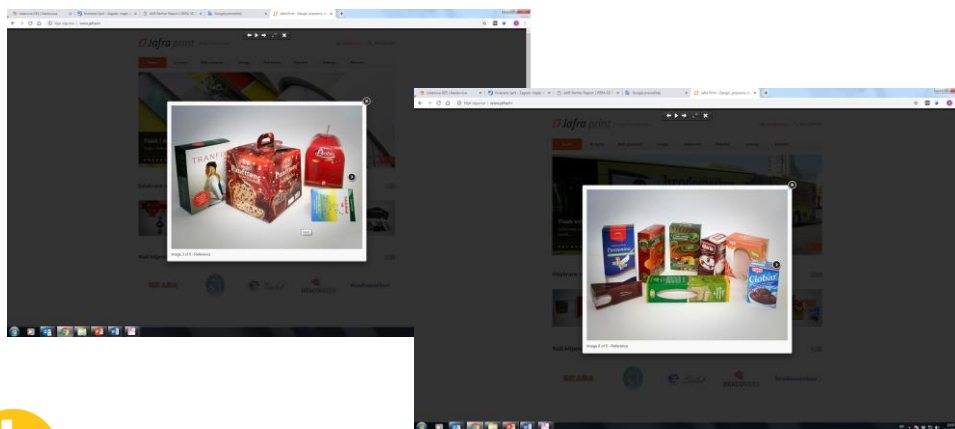
April, 2019 - meeting of RERA's team in DES and testing the business support - Ustanova za zapošljavanje, rad i profesionalnu rehabilitaciju osoba s invaliditetom Split (Institution for Employment, Work and Professional Rehabilitation of Disabled Persons, Split), www.des.hr



December, 2018 - discussion on involvement in pilot actions during the stakeholder meeting in Chamber of Commerce with company JAFRA Solin d.o.o., www.jafra.hr

KEY PRODUCTS/ SERVICES

- small-sized company
- Products of coated and noncoated paper
- packaging (cardboard boxes for food, textile, pharmaceutical and other industries, labels)
- bussines documentation (bussines cards, envelops, paper folders, calendars, planners...)
- different types of tickets
- promotion materials (brochures, flyers, posters...)
- books binding
- big format printing (interiors, vehicles, shop windows...)



Jafra print



October, 2019 - Analysis of materials at the Faculty of Chemistry and Technology, Split University



EcoWorks films, non-sticked and stuck on the roll during the experiment of paper lamination, were analyzed using differential scanning calorimetry (DSC) and infrared spectroscopy (FT-IR) in order to establish the potential thermal changes of material. According to the Figures 1-4 there are no changes of materials chemical or thermal properties during heating in the range 70-90 °C.

Conclusion: Due to the high melting point EcoWorks film cannot adhere to the paper at the working temperature. At higher temperatures it adheres to the rolls.

 Jafraprint



January 2020 & February 2020- meeting related to involvement in pilot actions - company BIOPLAN Trogir; www.bioplan.hr
Presentation at International GAST Fair,



bioplan



Use of biodegradable bags made by EcoCortec (*EcoWorks*) (Figure 3) is successfully demonstrated in some cases, such as open packaging, where content is visible, Figure 4.



Figure 3



Figure 4



PILOT PROMOTION ACTIVITIES



GAST International Fair

National target event - panel discussion
„Future - Tourism without Plastic?”



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FIRST CROATIAN
BIOPLASTICS PLANT



THANK YOU!!



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PROJECT TEAM

Gorana Baničević, project coordinator in PP4

gorana.banicevic@rera.hr

Mili Novak, financial manager in PP4

mili.novak@rera.hr

Ivana Radić Boršić, project coordinator in PP3

iborsic@cortecvci.com

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