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Structural Funds
2007-2013



ECOSOLDER

Romania - Republic of Serbia IPA Cross-Border Cooperation Programme IPA program prekogranične saradnje Rumunija-Republika Srbija

WORKSHOP RADIONICA

Promoting New Ecological Solders in Romanian- Serbian Cross-Border Area

Promovisanje novih ekoloških lemova u rumunsko- srpskoj prekograničnoj oblasti

Hotel ALBO, Bor, 01.07.2014.



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Project title: Promoting new ecologic filler alloys for soldering, based on the non-ferrous ore of the Romanian-Serbian cross-border area

Naziv projekta: Promocija novih ekoloških legura za lemljenje, na bazi obojenih metala iz ruda rumunsko-srpske prekogranične oblasti

Project acronym: ECOSOLDER

Skraćenica projekta: ECOSOLDER

Implementation period of the project: 15.06.2013. - 14.12.2014.

Period implementacije projekta: 15.06.2013. - 14.12.2014.

Duration of the project: 18 months

Vreme trajanja projekta: 18 meseci



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- Lead partner:** National Research and Development Institute for Welding and Material Testing, ISIM Timisoara, Romania
- Vodeći partner:** Nacionalni istraživačko-razvojni institut za zavarivanje i ispitivanje materijala, ISIM Temišvar, Rumunija
- Partner:** Mining and Metallurgy Institute Bor
- Partner:** Institut za rudarstvo i metalurgiju Bor
- Priority axis:** 1 - Economic and Social Development
- Prioritetna osa:** 1 - Ekonomski i društveni razvoj
- Measure:** 1.4 - Support increased levels of R&D and innovation in the border region
- Mera:** 1.4 - Podrška povećanju istraživačko-razvojnog nivoa i inovacije u pograničnom regionu



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Total number of participants on the project: 15

Ukupan broj učesnika na projektu: 15

Lead partner: 9

Vodeći partner: 9

Partner: 6

Partner: 6



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Total budget of the project: 221.123,30 euro
Ukupan budžet na projektu: 221.123,30 evra

Lead partner: 121.771,30 euro
Vodeći partner: 121.771,30 evra

Partner: 99.352,00 euro
Partner: 99.352,00 evra



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Main objectives of the project

Osnovni ciljevi projekta

Increasing the overall competitiveness of the economy in the border area.

Povećanje opšte konkurentnosti privrede u graničnoj oblasti.



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ECOSOLDER

Main objectives of the project

Osnovni ciljevi projekta

The importance of the project is reflected in the widening of the range and finding specific technology solutions for getting solders that can be competitive in the cross-bordering, but also on the world market.

Značaj projekta ogleda se u proširenju asortimana i pronalaženju specifičnih tehnoloških rešenja za dobijanje lemova koji mogu biti konkurentni u prekograničnom regionu, ali i na svetskom tržištu.





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ECOSOLDER

Main objectives of the project

Osnovni ciljevi projekta

The most important aspect stands out environmentally, given that the test solder alloys do not contain any toxic elements as opposed to the solders of wide use. The alloys taken into account in this project are certainly more expensive compared to lead-containing solders, but their higher price is justified by the need to achieve particular properties.

Najvažniji aspekt projekta je i ekološki, obzirom da se istražuju lemne legure koje ne sadrže nikakve toksične elemente za razliku od postojećih lemnih legura koje danas imaju široku upotrebu, ali sadrže olovo, kadmijum, i dr. toksične materije. Legure koje se ispituju i istražuju u ovom projektu su svakako skuplje u odnosu na one koje sadrže na pr. olovo, ali je njihova viša cena opravdana potrebom postizanja određenih svojstava i zadovoljavanjem postojećih važećih direktiva za zaštitu životne sredine u okviru EU.



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Main objectives of the project

Osnovni ciljevi projekta

The income is the basis of the standard of living and of the quality of life in general. More working places in the mining sector, in the metallurgy industry of special alloys for soldering and brazing contribute to a better life standard in the Romanian-Serbian cross-border region.

Takođe, projekat će doprineti i poboljšanju kvaliteta života uopšte u pograničnoj oblasti time što će se uticati na stvaranje podloga za otvaranje više radnih mesta u rudarskom sektoru, u metalurgiji i industriji koja će se bazirati na razvoju specijalnih legura koje će se koristiti za lemljenje i zavarivanje u rumunsko-srpskom pograničnom regionu.



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Results Rezultati

The new ecologic materials represent one of the technical solutions for the economic development of the region.

Novi ekološki materijali predstavljaju jedno od tehničkih rešenja za ekonomski razvoj prekograničnog regiona.



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Results Rezultati

The project also contributes to promoting the development of SMEs, by focusing the possible investments upon the creation and development of local cross-border structures for business support.

The research cooperation network will contribute to promoting foreign investment and a positive regional identity.

Projekat doprinosi promovisanju razvoja malih i srednjih preduzeća, fokusirajući se na moguće investicije na stvaranju i razvoju lokalnih prekograničnih struktura za poslovnu podršku.

Istraživačko-razvojna mreža i saradnja će doprineti promociji stranih investicija i pozitivan regionalni identitet.



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Results Rezultati

Cross-border marketing initiatives of the partners will promote the filler alloys for soldering, realized as joint products of common interest;

The common data basis of the partners allows a better access of the companies, included SMEs to business infrastructure.

Prekogranične marketinške inicijative partnera će promovisati legure za lemljenje, realizovane kao zajednički proizvod od zajedničkog interesa.

Zajednička baza podataka o partnerima omogućava bolji pristup kompanijama, uključujući mala i srednja preduzeća u cilju proširenja poslovne infrastrukture.



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Current Results

Dosadašnji rezultati

The project's aim is to strengthen the scientific and technological cooperation between the Lead Partner and the Partner To achieve its goals, the project implement 15 activities at the operational level.

Cilj projekta je jačanje naučne i tehnološke saradnje između vodećeg partnera i partnera. Da bi ostvarili svoje ciljeve, u okviru projekta se sprovodi 15 aktivnosti na operativnom nivou.

Till now, it is implemented 10 activities

Do sada je realizovano 10 aktivnosti.



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Current Results

Dosadašnji rezultati

It is realized:

- Open conference
- 5 meetings
- 2 workshops

Realizovano je:

- Uvodna konferencija
- 5 radnih sastanaka
- 2 radionice

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Current Results

Dosadašnji rezultati

- Realized and formed a data base for soldering filler alloys at ISIM Timisoara and MMI Bor.
- Realizovana i formirana baza podataka legura za lemljenje i zavarivanje u ISIM-u i IRM-u.



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ECOSOLDER

Current Results

Dosadašnji rezultati

- Realized tender procedure for purchasing of equipment and materials for a laboratory and data basis for electric, flame, ultrasonic and laser soldering and brazing at ISIM of Timisoara.
- Realizovan tender za nabavku opreme i materijala za laboratoriju i baze podataka za električno, plameno, ultrazvučno i lasersko lemljenje i zavarivanje u ISIM-u Temišvar.



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Current Results

Dosadašnji rezultati

- Purchased of equipments for a laboratory and data basis for mechanical, thermal and environmental testings at MMI of Bor - 1 dilatometer and 2 devices for hardness measurements.
- Kupljena je oprema za laboratoriju i bazu podataka za mehanička, termička i ekološka testiranja u IRM-u - 1 dilatometar i 2 uređaja za merenje tvrdoće.



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Current Results

Dosadašnji rezultati

- Creation of a direct IT connection, internet/web site of the project and a R&D cooperation network between ISIM Timisoara and MMI Bor for soldering filler alloys.
- Web site: www.ecosolder.eu
- Ostvarena je direktna IT veza, internet/veb sajt projekta i istraživačko-razvojna mrežna saradnja između partnera za legure za lemljenje i zavarivanje.
- Adresa veb sajta projekta: www.ecosolder.eu



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ECOSOLDER

Current Results

Dosadašnji rezultati

- Updating and exchange of data bases between the partners.
- Editing of information and publicity materials.
- Written a monograph from the side of MMI Bor.

- Ažuriranje i razmena podataka između partnera.
- Uređivanje informacionih i propagandnog materijala.
- Napisna je monografija od strane IRM-a.



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Thank you for your attention!
Hvala na pažnji!



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