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Polul National de Competitivitate in Promovarea Sistemelor Moderne de Fabricatie pentru Implementarea Principiilor Economiei Verzi – MEDGreen
Proiect cofinantat prin Fondul European de Dezvoltare Regionala
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Programul Operational Sectorial

„Cresterea Competitivitatii Economice”

cofinantat prin Fondul European de Dezvoltare Regionala

„Investitii pentru viitorul dumneavoastra”



Polul National de Competitivitate in Promovarea Sistemelor Moderne de Fabricatie pentru Implementarea Principiilor Economiei Verzi - MEDGreen

Polul National de Competitivitate in Promovarea Sistemelor Moderne de Fabricatie pentru Implementarea Principiilor Economiei Verzi - MEDGreen este dezvoltat in cadrul Programului Operational Sectorial „Cresterea Competitivitatii Economice” - Axa Prioritara 1 „Un sistem de productie inovativ si ecoeficient” - Domeniul Major de Interventie 1.3 „Dezvoltarea durabila a antreprenoriatului” - Operatiunea 1.3.1 „Dezvoltarea structurilor de sprijin al afacerilor de interes national si international”.

Polul de Competitivitate MEDGreen reprezinta o abordare la scara microeconomica prin care se coaguleaza competentele mai multor actori, entitati cu potential de crestere la nivel national, pe un segment specific al fabricatiei de masini, utilaje si echipamente cu aplicabilitate in sectoare economice cu potential ridicat de crestere din ansamblul sectorului economiei verzi.

Din componenta Polului de Competitivitate MEDGreen fac parte intreprinderi, organisme de cercetare, universitati, autoritati publice locale, ONG-uri, firme de consultanta si clustere, care implementeaza proiecte in 3 regiuni de dezvoltare din Romania (Sud-Est, Vest si Bucuresti-Ilfov), angajate intr-o colaborare parteneriala, pe baza strategiei comune de dezvoltare. Polul de competitivitate MEDGreen cuprinde intreprinderi cu management performant, dinamice si competitive pe diferite segmente de piata cu potential ridicat de crestere, in contextul economiei verzi, care sa permita, printr-o abordare comuna, sa devina relevante pe piata europeana si internationala.

Polul MEDGreen, prin cele 10 proiecte (3 proiecte de investitii, 3 proiecte cercetare-dezvoltare-inovare, 4 proiecte “soft”) in valoare totala de 88.680.995,61 lei (44.241.711,45 lei finantare nerambursabila) isi propune ca obiective: cresterea competitivitatii si productivitatii firmelor membre care isi desfasoara activitatea in domeniul productiei de echipamente sau al serviciilor ce deservesc economia verde, sprijinirea IMM-urilor si a antreprenoriatului, dezvoltarea capitalului uman angajat in sector, cresterea numarului locurilor de munca si cresterea valorii exporturilor firmelor membre, contribuind astfel la dezvoltarea unei economii durabile.



Proiectele incluse in pachetul integrat sunt implementate pe o perioada de 19 luni, intre 23 mai 2014 – 22 decembrie 2015:

- „Realizarea studiului de fezabilitate pentru Sistemul ESCO (Energy Service Company) si cresterea acceptibilitatii Sistemului ESCO pe piata eficientei energetice a locuintelor colective”, SMIS 54019; contract P0102429/-5119/22.05.2014; valoarea totala a proiectului 951.249,80 lei; beneficiar SC CONSILIUM SRL; partener Clusterul de Energii Sustenabile din Romania – ROSENC.

- „Constructie hala si achizitie echipamente pentru linie de productie si poligon testare panouri fotovoltaice”; SMIS 50235; contract P0102408/5120/22.05.2014, valoarea totala a proiectului 33.289.178,60 lei; beneficiar SC DATA INCORPORATED SRL; partener Clusterul de Energii Sustenabile din Romania – ROSENC.

- „Solutii inovative pentru fabricarea focarului pentru incineratoarele pe baza de biomasa peletizata (EcoPellet CDI)”; SMIS 50317; contract P0102416/-5121/22.05.2014, valoarea totala a proiectului 475.100,00 lei; beneficiar SC ECOHORNET SRL; partener SC ET Innovative Solutions SRL.

- „Linie de fabricatie pentru componente pentru incineratoare de deseuri solide brichetate sau peletizate (EcoPellet)”; SMIS 50233; contract P0102407/-5122/22.05.2014, valoarea totala a proiectului 1.995.299,56 lei; beneficiar SC ECOHORNET SRL; partener SC ET Innovative Solutions SRL.

- „Servicii de asistenta tehnica pentru proiectele EcoPellet si EcoPellet CDI (Ecopellet Soft)”; SMIS 50427; contract P0102428/5123/22.05.2014, valoarea totala a proiectului 267.954,04 lei; beneficiar SC ECOHORNET SRL; partener SC ET Innovative Solutions SRL.

- „Noi tehnologii eficiente energetic pentru sinteza unor copolimeri poliesterici”; SMIS 50328; contract P0102418/5124/22.05.2014, valoarea totala a proiectului 4.403.748,00 lei; beneficiar SC ELKIM SPECIAL SRL; parteneri:

Universitatea de Vest din Timisoara, Universitatea „Politehnica” din Timisoara, Clusterul de Energii Sustenabile din Romania – ROSENC.

- „Cresterea eficientei utilizarii deseurilor ce pot produce energie in sectorul logistic”; SMIS 50549; contract P0102431/5125/22.05.2014, valoarea totala a proiectului 1.132.068,00 lei; beneficiar SC EXPERT CONSULTING SRL; parteneri: Centrul National pentru Productie si Consum Durabile, Clusterul de Energii Sustenabile din Romania – ROSENC.

- „Cercetari si transfer tehnologic de materiale avansate, nanostructuri si tehnologii de fabricatie pentru dezvoltarea sistemelor de energii regenerabile”; SMIS 50414; contract P0102421/5117/22.05.2014, valoarea totala a proiectului 4.436.203,00 lei; beneficiar SC GRUPUL DE MASURATORI SI DIAGNOZA SRL; partener Universitatea „Dunarea de Jos” Galati.

- „Constructie statie de co-procesare deseuri solide municipale si utilizarea lor ca si combustibili alternativi in procesul de fabricatie, in vederea eficientizarii productiei de ciment (EcoCim)”; SMIS 50322; contract P0102401/5116/22.05.2014, valoarea totala a proiectului 40.876.474,61 lei; beneficiar SC LAFARGE CIMENT ROMANIA SA; parteneri: SC Eco Gest SA, SC Apollo Ecoterm SRL.

- „Managementul Polului National de Competitivitate in Promovarea Sistemelor Moderne de Fabricatie pentru Implementarea Principiilor Economiei Verzi – MEDGreen”, SMIS 50420; contract P0102423/5118/22.05.2014; valoarea totala a proiectului 853.720,00 lei; beneficiar AGENTIA PENTRU DEZVOLTARE REGIONALASUD-EST.

ADR SE este un catalizator al dezvoltarii cercetarii, inovarii, transferului tehnologic, creeaza si dezvolta o structura de management care faciliteaza schimbul permanent de informatii si cunostinte intre parteneri, interactiunea dintre firme, institutii din mediul academic si stiintific, clustere si alte entitati implicate in sprijinirea mediului de afaceri, asigurand astfel intr-un mod organizat, institutionalizat si concentrat, atingerea obiectivelor pe termen mediu si lung ale Polului de Competitivitate MEDGreen.





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MEDGreen – The National Pole of Competitiveness in Promoting Modern Manufacturing Systems for Implementing Green Economy Principles
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Sectoral Operational Programme

“Increase of Economic Competitiveness”

co-financed by European Regional Development Fund

„Investments for your future”



MEDGreen – The National Pole of Competitiveness in Promoting Modern Manufacturing Systems for Implementing Green Economy Principles

MEDGreen – The National Pole of Competitiveness in Promoting Modern Manufacturing Systems for Implementing Green Economy Principles is developed within the Sectoral Operational Programme “Increase of Economic Competitiveness” -Priority Axis 1 „An Innovative and Eco-efficient Production System” - Key Area of Intervention 1.3 „Sustainable entrepreneurship development” - Operation 1.3.1 „Development of business support structures of national and international dimension”.

MEDGreen Pole of Competitiveness is a microeconomic approach through which the competencies of many actors, entities with high growth potential at national level coagulate on production of specific equipment and machinery applicable in entire green economy sectors.

MEDGreen Pole of Competitiveness brings together enterprises, RDI organisations, universities, local public authorities, NGOs, consultancy companies and clusters which implement projects in 3 development regions of Romania (South-East, West and Bucharest-Ilfov) engaged in a collaboration based on a common development strategy. MEDGreen Pole of Competitiveness consists of dynamic and competitive companies with an efficient management in various market sectors with high growth potential in the context of green economy, which enable them to become relevant on national and international market through a common approach.

By implementing its 10 projects (3 investment projects, 3 RDI projects, 4 soft projects) with a total value of 88,680,995.61 lei (44,241,711.45 lei grant value), MEDGreen Pole aims to: increase its member firms competitiveness and productivity in the field of equipment or services production that serves the green economy, supporting SMEs and entrepreneurship, development of human capital in the sector and increase of employment, increase the number of jobs and the value of exports of member firms, contributing to the development of a sustainable economy.



The projects included in the integrated package are implemented for a period of 19 months, between 23 May 2014 - 22 December 2015.

- „Feasibility study for ESCO system (Energy Service Company) and increase of acceptance of ESCO system on energy efficiency market of collective housing”, SMIS 54019; contract P0102429/5119/22.05.2014; the total value of the project 951,249.80 lei; beneficiary CONSILIUM LTD; partner ROSENC- Romanian Sustainable Energy Cluster.
- „Hall construction and equipment acquisition for production line and testing photovoltaic polygon”; SMIS 50235; contract P0102408/5120/22.05.2014, the total value of the project 33,289,178.60 lei; beneficiary DATA INCORPORATED LTD; partner ROSENC- Romanian Sustainable Energy Cluster.
- „Innovative solutions for furnace manufacturing of pelletized biomass based incinerators (EcoPellet CDI)”, SMIS 50317; contract P0102416/5121/22.05.2014, the total value of the project 475,100.00 lei; beneficiary ECOHORNET LTD; partner ET Innovative Solutions LTD.
- „Component manufacturing line for briquetted or pelletized solid waste incinerators (EcoPellet); SMIS 50233; contract P0102407/5122/22.05.2014, the total value of the project 1,995,299.56 lei; beneficiary ECOHORNET LTD; partner ET Innovative Solutions LTD.
- „Technical assistance services for EcoPellet and EcoPellet-RDI projects (Ecopellet Soft)”; SMIS 50427; contract P0102428/5123/22.05.2014, the total value of the project 267,954.04 lei; beneficiary ECOHORNET LTD; partner ET Innovative Solutions LTD.
- „Energy efficient new technologies for synthesis of polyester copolymers”; SMIS 50328; contract P0102418/5124/22.05.2014, the total value of the project 4,403,748.00 lei; beneficiary ELKIM SPECIAL LTD; partners: West University in Timisoara, „Politehnica” University in Timisoara, ROSENC- Romanian Sustainable Energy Cluster.

- „Improve of wastes use efficiency that can produce energy in the logistics sector”; SMIS 50549; contract P0102431/5125/22.05.2014, the total value of the project 1,132,068.00 lei; beneficiary EXPERT CONSULTING LTD; partners: National Centre for Sustainable Production and Consumption, ROSENC- Romanian Sustainable Energy Cluster.

- „Research and technology transfer of advanced materials, nanostructures and manufacturing technologies for the development of renewable energy systems” SMIS 50414; contract P0102421/5117/22.05.2014, the total value of the project 4,436,203.00 lei; beneficiary Measurements and Diagnostics Group LTD in Galati; partner „Lower Danube” University in Galati.

- „Construction of co-processing plant of municipal solid waste and its use as an alternative fuel in an efficient cement production process (EcoCim)” SMIS 50322; contract P0102401/5116/22.05.2014, the total value of the project 40,876,474.61 lei; beneficiary LAFARGE CIMENT (ROMANIA) Joint Venture; partners: Eco Gest INC, Apollo Ecoterm LTD.

- „Management of MEDGreen – The National Pole of Competitiveness in Promoting Modern Manufacturing Systems for Implementing Green Economy Principles”, SMIS 50420; contract P0102423/5118/22.05.2014; the total value of the project 853,720,00 lei; beneficiary SOUTH-EAST REGIONAL DEVELOPMENT AGENCY.

SE RDA is a catalyst of research, innovation and technological transfer development, creates and develops a management structure that facilitates the continuously exchange of knowledge and information between partners, the interaction between companies, academia and scientific institutions, clusters and other entities involved in supporting the business environment, ensuring the achievement of MEDGreen Pole of Competitiveness objectives on medium and long term in an organised, institutionalised and concentrated manner.

