Abstract

The aim of this deliverable is to report all the developed and scheduled activities that will aim to increase the public visibility of the DISIRE project. This document is a live document that will be also updated in the future on a needed basis.
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<th>Date</th>
<th>Changes</th>
<th>Author</th>
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<td>Further comments and additions</td>
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<td>28/04/2015</td>
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**Note: Filename should be**

“DISIRE_D##_.#.doc”, e.g. “DISIRE_D91.1_v0.1_LTU.doc”

**Fields are defined as follow**

1. Deliverable number
2. Revision number:
   - draft version
   - approved
   - version sequence (two digits)
3. Company identification (Partner acronym)
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1 Introduction

1.1 Summary (abstract)

The main objective of Task 9.1 (Public visibility) of the DISIRE project is to raise the visibility of the project results and to reinforce the overall project impact through the following actions: (a) creation of the generic project image and strong dissemination channels and (b) actual performance of dissemination activities.

The Task 9.1 is divided into two subtasks:
- Online materials (subject of the reporting document for D9.2)
- Dissemination materials (subject of this reporting document)

The aim of the second subtask is to generate a consistent project identity and a dissemination material schedule for the DISIRE project.

The former one includes generic approach for the design of internal and external DISIRE project communication tools and documents (website, publications, presentations, press releases, leaflet, newsletter, reports, etc.) distributed to the identified target groups (beneficiaries, EU, technical and scientific community, relevant industries and end users, public, media, etc.).

The later one constitutes the groundwork, which enables to effectively plan, organize and coordinate the dissemination of the scientific results as well as business-oriented activities throughout the project lifecycle of the project.

1.2 Purpose of document

The purpose of this document is to demonstrate the overall project identity and dissemination approach and to report related dissemination activities, which have been carried out in the initial project phase. The dissemination and communication of the knowledge obtained within the DISIRE project targets a wide range of interdisciplinary stakeholders and shall be accessible and understandable not only for technical experts in the respective engineering fields and scientific community but also for possible end users, business decision makers, policy makers and general public.

The project specific design and integration of distinct elements of the DISIRE and SPIRE color schemes, logos and visuals (e.g. SPIRE tree) shall ensure visual identity and recognizability of the DISIRE project under the SPIRE umbrella. Multiple feedback loops with the DISIRE management and consortium are planned to secure the quality of all dissemination activities.
In this context the development and production of the project leaflet and newsletter is an essential part of the overall project identity and dissemination strategy according to the following objectives and requirements:

- To increase public visibility and awareness about the DISIRE project already at its early stages by describing the aim of the project and its overall approach using clear and simple language and highlighting main elements of the project and its planned achievements.
- To provide an accessible introduction to the project by means of accurate, relevant and representative information selection, guide target users (readers) to further engage with the project and follow its developments.

### 1.3 Partners involved

All consortium’s partners and the DISIRE management team were involved into the feedback loops related to the reported dissemination activities and material schedule. Suggested changes have been carefully integrated into the final versions of the released documents (press release, leaflet).

Furthermore, the following description and table summarize the feedback from DISIRE consortium partners to the DISIRE dissemination material schedule distributed to partners on 02/03/2015 as a working document open for inputs, suggestions and recommendations.

Feedback status 23/03/2015:
- LTU, CIRC, DCI, ODYS: active contribution in terms of suggestions for dissemination events (own envisaged participation in conferences, workshops or recommendations for the consortium) and materials (envisaged publications in scientific journals)
- IMTL: no participation in the conferences/no publications planned in the next 8 months
- GST: no input at the moment
- LKAB: no participation in the conferences/no publications planned in 2015-2016
- KGHM, WUT, CUP, ETEC, ABB, DAPP, MEFOS: feedback pending

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<th>Contribution / Feedback</th>
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<td>Active contribution: suggestions for conferences, scientific journals</td>
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</table>
2 Achievements

2.1 Project identity

The first DISIRE press release announced the launch of the project during the kick-off meeting on 27-29/01/2015 at the EC premises, Place Charles Rogier 16, B-1210, Bruxelles, Belgium, was released on the DISIRE website on 13/03/2015 and disseminated through the SPIRE and consortium channels.

The following figure shows the 1st DISIRE press release. Further dissemination activities of SPIRE and consortium partners related to the launch of the project and press release can be found in Annex.

Further dissemination activities of SPIRE and consortium partners related to the launch of the project and press release can be found in Annex.

disire

DISIRE at a glance

Project Duration: 36 months
Project Start: 1st of January 2015
Project Funding: 6 million EUR
Project Consortium Partners:
The first DISIRE project leaflet was released on the DISIRE website on 21/04/2015. The leaflet has been designed according to the DISIRE overall visual identity and provides an overview of the DISIRE project over 2 A4 pages. It contains description of the project divided into the following sections:

- Executive summary
- Relation to SPIRE
- DISIRE technological platform
- DISIRE industrial application
- DISIRE innovation and impact

Furthermore the DISIRE flyer contains following visual elements and information:

- DISIRE logo and project full denomination
- SPIRE logo and SPIRE tree element
- EU emblem and the acknowledgement of the EU funding
- DISIRE at a glance, containing information about the project duration, funding volume and project partners’ countries
- DISIRE geographic location map including partner logos
- Details of the project website and an email address for general enquiries

Following figure illustrates the front and the back page of the DISIRE leaflet:
The production of the DISIRE newsletter has commenced in March 2015. The layout has been designed according to the project visual identity and the structure of the content has been developed. It is planned to feature each consortium member country in the quarterly issues of the newsletter based on the interviews specifically designed for each group of partners.

The next figure shows the draft design of DISIRE's newsletter:

Last but not least, the layouts of the DISIRE internal templates have been adopted according to the overall project visual identity as described in 1.2. The figure below shows the DISIRE power point presentation template:
2.2 Dissemination material schedule

The DISIRE dissemination material schedule has been structured and filled with content based on the extensive web research. This first version of the document has been circulated to the partners on 02/03/2015 requesting their contribution, suggestions and recommendations until 09/03/2015. After several feedback loops the inputs of the partners until 23/03/2015 have been integrated in the second version of the document and uploaded on the project collaborative platform REDMINE. These materials contain the following sections according to the type and purpose of dissemination activities:

- Scientific events (conferences, workshops)
- Industrial exhibitions
- Scientific journals
- Other print and online media

The document is structured chronologically and contains name of the event, event location, date and participant name & beneficiary. Following figures show selected fragments of these sections:
<table>
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<td>Krasnoyarsk, Russia</td>
<td>05.03-15.03.2015</td>
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**2016**

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3 Conclusion and recommendations

The English version of the first DISIRE project leaflet has been distributed to the project partners and released on the project website 21/04/2015. It is recommended to release the leaflet through the communication channels of the partners. The translation in the language of the DISIRE consortium members can be recommended to reach out for the relevant target groups in the respective countries. The next generations of the DISIRE leaflet is planned and will be based on the concrete technical outcomes and products/services likely to result from the project.

The production of the DISIRE newsletter has commenced in March 2015. The layout has been designed according to the project visual identity and the structure of the content has been developed. It is planned to feature each consortium member’s country in the quarterly issues of the newsletter based on the interviews specifically designed for each group of partners. Active contribution of the respective partners is highly recommended to ensure the release of the newsletter on time.

The production process of the DISIRE video has started in April 2015.
4 Annex

Dissemination activities of SPIRE and consortium partners

SPIRE:

First SPIRE PPP projects under Horizon2020 Framework Programme
> Find out more

TOPICS

SPIRE will implement its research and innovation roadmap through six Key Components that are at the core of a resource and energy efficient process industry:

- Feed
- Process
- Applications
- Water2Resource
- Horisontal
- Outreach

LATEST NEWS

23 February 2015
Intelligent industrial process control becomes reality - Launch of European technology project DISIRE in Brussels
The European technology project DISIRE wants to set new standards in energy efficiency for chemical, steel and mineral processing as ... Read more

16 February 2015
Digital Manufacturing Workshop Report
DG Connect of the European Commission has published a report containing the outcomes from the recent successful workshop on Innovation ... Read more

16 February 2016
Smart Industry: Impact of Software Innovation
On 10-11 March 2015, the seventh edition of the annual Co-summit will take place in the heart of
Welcome to the SPIRE Newsletter!
Our purpose is to regularly inform you of key activities within and around our Public-Private Partnership as well as of other issues related to the European Process Industry.

In this issue, check out news about: the first SPIRE projects, the next SPIRE Brokerage event, the new A.SPIRE members and many more...

First 2014 SPIRE projects kicked-off
The first calls dedicated to the SPIRE PPP under the Horizon2020 Framework programme have demonstrated a broad participation from multiple process industry sectors. 13 projects were kicked-off in December 2014 and January 2015. More (coming from the 2-stage calls) will be officially launched in summer 2014. You will find out more about them on our website as we are shaping it out in collaboration with the SPIRE projects to ensure visibility and broad awareness of their developments.

Learn More

Launch of DISIRE
The European technology project DISIRE wants to set new standards in energy efficiency for chemical, steel and mineral processing as well as for combustion processes used in many industrial sectors. The DISIRE project was launched on the 28-29th of January 2015 in Brussels.

ODYS, 16/01/2015
ODYS website:

http://www.odys.it/h2020-project-disire-got-started/
This news shared through LinkedIn:

https://www.linkedin.com/company/2380292
Dow en Ibérica

Dow Ibérica inicia su participación en el concurso europeo DISIRE, para la mejora de la eficiencia energética en la industria

Madrid, Spain - 20 febrero 2015

Los días 28 y 29 de enero tuvo lugar en Bruselas el lanzamiento del proyecto DISIRE, un proyecto europeo que pretende identificar e implementar en los próximos 36 meses nuevos estándares de eficiencia energética para la industria química, siderúrgica y mineral. Participaron algunas de las compañías más importantes del sector, entre las cuales se encontraba Dow Chemical Ibérica.

Por parte de la Compañía acudieron Laura González, LHC Improvement Engineer, y Alfred Arias, Innovation Support & Learning Leader, en un esfuerzo en el que también fueron los mejores investigadores del área y representantes de varias empresas líderes de la industria a nivel mundial. Allí debatieron sobre el proyecto DISIRE, anunciaron en SPIRE (Sustainable Process Industry through Resource and Energy Efficiency), iniciativa enfocada a la innovación en la eficiencia energética dentro de Horizon 2020, y que constituye el mayor acuerdo de colaboración público-privado de investigación e innovación puesto en marcha en el marco de la Unión Europea.

Durante las jornadas, se obtuvieron los requisitos de calidad y rendimiento que podrán ser aplicados directamente sobre los procesos industriales involucrados. Dichas condiciones serán controladas gracias al desarrollo de las Process Analyzer Technologies (PAT), estándares que se aplicarán desde la materia prima hasta el producto terminado, de modo que sea eficiente energéticamente a lo largo de todo el proceso de producción.

El Consorcio DISIRE (Integrated Process Control based on Distributed-in-Situ Sensors Integrated into Raw Material and Energy Feedback) lo forman 15 socios de diferentes países (Suecia, Polonia, Italia, Alemania, Israel y España), y está liderado por la Lulea University of Technology (Suecia).

La contribución de Dow Ibérica al consorcio estará centrada principalmente en el paquete de trabajo dedicado a la identificación y diseño de soluciones innovadoras enfocadas a la optimización de los procesos de combustión, al objeto de hacerlos energéticamente más eficientes, y, a la vez, reducir la huella medioambiental de los mismos. En esta actividad Dow Ibérica trabajará muy estrechamente con CIRCE (Centro de Investigación de Recursos y Consumos Energéticos), ubicado en Zaragoza, con quien ya colabora en otras iniciativas en el ámbito de la eficiencia de recursos en la industria.

Si desea obtener más información sobre DISIRE visite su página web oficial: http://spire2020.eu/disire/

For Editorial Information:
Claudio Tagliavini
Dow Chemical Ibérica
publicidad@iberica@dow.com
DCI, International Newsletter:

EMEAI on the Spot is an internal newsletter issued at EMEIA (Europe, Middle East, Africa and India) level putting a spotlight on all the work our businesses, functions and sites have carried out in support of driving business and strengthening Dow’s reputation with key stakeholder groups across Europe, Middle East and Africa during the last month.

You will see the mention to DISIRE under the “Corporate Citizenship”

Thought Leadership

Dow at the World Economic Forum in Davos
Dow CEO Andrew Liveris along with Heinz Haller, Jim Fitterling, Joe Harlan and Deborah Borg represented Dow at the World Economic Forum in Davos, Switzerland. Through more than 100 meetings, the delegation directly engaged with customers and investors, aligned with joint venture partners, and communicated with key government representatives on policy issues that affect our Company. Learn more about Dow’s engagement at the World Economic Forum by watching the following programs with Andrew Liveris: CNBC Interview, Interview with Fox Business News, and Panel Discussion on the Outlook for the United States.

Willem Huisman, President of Dow Germany Speaks at Key Energy Conference in Berlin
Willem Huisman, President Dow Germany, addressed the issue of whether high energy costs threaten Germany’s position as a leading country for manufacturing at an energy summit in Berlin organized by Handelsblatt. Germany’s leading financial daily. Huisman participated in a panel discussion with Rolf Martin Schmitz, Vice Chairman of leading gas and electricity company RWE; Bernhard Mattes, CEO of Ford Germany and President of the American Chamber of Commerce in Germany (AmCham) and Reiner Hoffmann, Chairman of the Federation German Trade Unions. More.

Dow Benelux Hosting EU Industry Delegation
Dow Benelux took the lead in a dialogue with EU regulators and industry parties, offering guidance in modeling future regulations regarding cracker installations. This European process in assessing BREF’s (Best Reference Technology) will impact our cracker operations. By engaging with the European delegates and offering a site visit to the Temseun crackers, it fostered insightful debate.

Competitiveness a Must for Progress India Plans to Achieve’ – Heinz Haller
Speaking at the 2nd International Chemical Downstream Conference held at Grand Hyatt, Mumbai, Heinz Haller, Executive Vice President of the Dow Chemical Company and President of Dow Europe, Middle East, Africa and India, deliberated on the challenge of maintaining agility and responsiveness to
Dow Gaziantep Supports Education and Young Talents
The Dow Gaziantep office in Turkey visited the Gaziantep Provincial Director of National Education and two major universities of Gaziantep on January 15-16, 2015. Gökhan Serifoğlu, Dow South Office Leader, Onur Terekeli, New Business Development Manager, Banu Korun, HR Manager of Turkey, and Tugçe Keratas, PA Manager, shared details about the Chemistry of Teaching CSR project with local authorities and increased awareness about Dow. More...

Senator Keller Chooses Dow to Understand the Challenges the Chemical Industry is Facing
Fabienne Keller, Vice-President of the French Senate's Finance Committee and member of the French Parliamentary Office for Science and Technology Assessment, organized a field visit to the Drusenheim site in France. Accompanied by Jacky Keller, mayor of the city, she sought to discover our activities understand our main competitiveness challenges. More...

Dow Kuwait Hosts 3rd Annual Blood Drive in Collaboration with LOYAC
Dow Kuwait hosted a Health Awareness program that addressed diabetes and blood donation as part of its partnership with LOYAC to raise health awareness amongst the Kuwaiti society and address key issues impacting the community. The event was supported by The Dasman Diabetes Institute, a renowned diabetes research and medical center in Kuwait.

The Multiplier Effect: How to Educate Next Generation about Water
The Dow India flagship CSR program ‘Multiply the Message’ was held on January 5-9, with 500 trainee teachers participating. The program was successful in creating awareness among over 300,000 torch-bearers of the next generation. More...

Dow Iberica Starts its Collaboration with the European DISIRE Consortium to Improve Energy
The European DISIRE project, which seeks to identify and implement new energy efficiency standards for the chemicals, steelmaking and minerals industries, was launched in Brussels in January. Dow Iberica will mainly focus on the work to identify and design innovative solutions to optimize combustion processes that increases energy efficiency while also reducing their environmental impact.

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This communication is DOW RESTRICTED. The content of this communication is intended for Dow internal use only. Any other dissemination is a violation of Dow Policy.
MOEZ, 20/02/2015:

MOEZ website:
http://www.moez.fraunhofer.de/de.html
http://www.moez.fraunhofer.de/en/gf/Unternehmen.html#contentPar_gallery2_5062

Intelligent industrial process control becomes reality – Launch of European technology project DiSIRE in Brussels

DiSIRE project is funded under the EU Horizon 2020 framework, SPIRE PPP, and involves 15 partners, among them leading research and industrial partners from Sweden, Spain, Italy, Germany, Poland and Israel. They will tackle the challenges of high energy intensity and process optimization in the European major industries collectively through the development of advanced Process Analyzer Technologies (PAT).

The European technology project DiSIRE wants to set new standards in energy efficiency for chemical, steel and mineral processing as well as for combustion processes used in many industrial sectors. The DiSIRE project was launched on the 28-29th of January 2015 in Brussels. Top researchers and world leading industrial players involved in DiSIRE will develop robust, yet miniaturized in-situ PAT sensors during the following 36 months. The aim of DiSIRE technological platform is to enable integration of these sensors into raw material flows to measure and transmit data to a cloud turning the concept of "Intelligent Raw Materials" into reality. Substantial reduction in energy consumption and improvement in process efficiency will be achieved through process reconfigurations based on the data collected. Fully new opportunities for commercial applications and cross-sectorial business cases may arise in the European Industry.

DiSIRE at a glance
- Project Duration: 36 months
- Project Start: 1st of January 2015
- Project Funding: 6 million EUR

→ More information here
→ EU Horizon 2020 framework, SPIRE PPP
→ Contact person at Fraunhofer MOEZ
Intelligent industrial process control becomes reality –
Launch of European technology project DISIRE in Brussels

The European technology project DISIRE wants to set new standards in energy efficiency for chemical, steel and mineral processing as well as for combustion processes used in many industrial sectors. DISIRE stands for “Distributed In-Situ Sensors Integrated into Raw Material and Energy Feedstock”.

The DISIRE project was launched on the 28-29th of January 2015 in Brussels. Top researchers and world leading industrial players involved in DISIRE will develop robust, yet miniaturized in-situ PAT sensors during the following 36 months.

The aim of DISIRE technological platform is to enable integration of these sensors into raw material flows to measure and transmit data to a cloud turning the concept of “Intelligent Raw Materials” into reality. Substantial reduction in energy consumption and improvement in process efficiency will be achieved through process reconfigurations based on the data collected. Fully new opportunities for commercial applications and cross-sectorial business cases may arise in the European Industry.

DISIRE project is funded under the EU Horizon 2020 framework, SPIRE PPP, and involves 15 partners, among them leading research and industrial partners from Sweden, Spain, Italy, Germany, Poland and Israel. They will tackle the challenges of high energy intensity and process optimization in the European major industries collectively through the development of advanced Process Analyzer Technologies (PAT).

DISIRE at a glance

- Project Duration: 36 months
- Project Start: 1st of January 2015
- Project Funding: 6 million EUR

Project consortium partners:

- ABB AG
- Research Center for Energy Resources and Consumption
- KGHM CUPRUM
- D’Appolonia
- Dow Chemicals Ibérica
- Electrother AB
- Fraunhofer MÖEZ
- Gaet SA
- IMT Institute for Advanced Studies Lucca
- KGHM Polska Miecz SA
- Luossavaara-Kiirunavaara Arcticbod AB
- Luleå University of Technology
- MEFOS
- ODYS S.r.l.
- Wroclaw University of Technology

Contact persons at Fraunhofer MÖEZ: Eleonora Zagorska
The DiSIRE project has received six million Euros funding from the EU venture SPIRE, which is part of the Horizon 2020. The project is coordinated by Luleå University of Technology and among the other 15 project participants are universities and industrial companies from Germany, Poland and Italy. The project starts in January 2015 and will run for three years.

The DiSIRE project has been inspired by the real existing needs of multiple industrial sectors, including the world leading industrial partners in the non-ferrous, ferrous, chemical and steel industries that are highly connected and already affiliated with the SPIRE PPP and its objectives. The overall clear and measurable objective of the DiSIRE project is to evolve the existing industrial processes by advancing the Sustainable Process Industry through an overall Resource and Energy efficiency by the technological breakthroughs and concepts of the DiSIRE technological platform in the field of Industrial Process Control (IPC).

With the DiSIRE project the properties of the raw materials or product flows will be dramatically integrated by their transformation in a unique and accurate measuring system that will extend the level of knowledge and awareness of the internal dynamics of the undergoing processes taking place during transformation or integration of raw materials in the next levels of production. In this approach, the integrated Process Control system, instead of having external experts to tune the overall processes, based on the DiSIRE concept will enable the self-reconfiguration of all the production lines by the produced products itself.

Specific DiSIRE Process Analyser Technology (PAT) will be able to define quality and performance requirements, that for the first time in the process industry will be able to be directly applied on the physical properties of the developed products and thus enabling the overall online and product specific reconfiguration of the control system. In this way, the whole production can be fully integrated in a holistic approach from the raw materials to the end product, allowing the multiple process reconfigurations and an optimal operation based on the product’s properties that can be generalized in a whole product production cycle being spanned in multiple cross-sectorial processes.
"Intelligenta" pellets i nytt projekt

Inbäddade elektriska sensorer ska ge ett mer effektivt flöde av råvarumaterial. Luleå tekniska universitet är koordinator för projektet Disire inom vilket man bland annat ska skapa intelligenta pellets.

Målet med projektet är att utveckla teknik för att följa flöden med råvaror med hjälp av inbäddade elektroniska sensorer. Sensorerna ska kunna skapa mätvärden även från svårtillgängliga platser, till exempel ett transportband, men kan även generera information inuti processer, exempelvis i en masugn. Inom projektet kommer man bland annat att följa flöden av LKABs järnmalmspellets.

- Vi kommer att skapa sensorer som ser ut som pellets. Dessa ska sedan kunna följa med flödet på transportbandet, berättar George Nikolakopoulos, forskningsledare för projektet och biträende professor vid Avdelningen för signaler och system i ett pressmeddelande från LTU.
- Sensorena kan samla in data, till exempel temperatur, luftfuktighet och vibrationer, och skicka den informationen till dem som styr processen.

Holistiskt flyt i processerna

För LTU kommer forskningen till viss del att vara en fortsättning på den forskning som gjordes inom projektet ePellet. Det handlar om att vidareutveckla en befintlig prototyp av sensorer som ser ut som pellets.

- Vi vet redan att tekniken fungerar, säger Pär-Erik Martinsson, projektledare vid Process IT och dito för Disire.
- Vi bygger alltså vidare på redan existerande plattformar. Bland annat måste vi få ner kostnaderna och förstärke prototypens hållbarhet.

Björn Bergquist, professor och tänkesföreträdare i kvalitetsteknik, Pär-Erik Martinsson, projektledare Process IT och Jonny Johansson, docent EISLAB, kommer alla vara delaktiga i projektet Disire. Fotograf: Linda Alfredsson

Användandet av sensorer ska leda till att industriella processer blir mer holistiska. Insamlad data från sensorerna ska bidra till förbättrad styrning av enskilda processer och förbättrad övergripande logistik. Tekniken ska dessutom skapa mer energieffektiva processer som i förlängningen leder till reducerad användning av fossila bränslen, minskar andelen restprodukter och ge en högre kvalitet på slutprodukten.

CIRCE, 25/02/2015

CIRCE participa en un proyecto europeo para establecer nuevos estándares de eficiencia energética en la industria

Zaragoza 25/02/2015.

CIRCE es financiado por la Comisión Europea en el programa Horizon 2020 y se enmarca dentro de las actividades de la asociación industrial SPIRE.

CIRCE lidera las tareas relacionadas con la caracterización y mejora de los procesos de combustión, colaborando con industrias, empresas y centros de investigación de Alemania, España, Israel, Italia, Suecia y Polonia.

CIRCE participa en un nuevo proyecto para identificar y establecer nuevos estándares de eficiencia energética en las industria química, siderúrgica y mineral. El proyecto DISIRE está financiado por la Comisión Europea con 6 millones de euros dentro el programa de investigación Horizon 2020, y se enmarca en las iniciativas de la asociación europea SPIRE (Sustainable Process Industry through Resource and Energy Efficiency), de la que CIRCE es socio fundador.

Durante sus 36 meses de ejecución, el proyecto DISIRE desarrollará una Tecnología de Análisis de Procesos (PAT) para estudiar la transformación e integración de las materias primas en los distintos niveles de producción. El objetivo final es evolucionar los procesos industriales con nuevas tecnologías de control, que permitan una fácil reconfiguración de las líneas de producción. Así será posible reducir los consumos energéticos e incrementar la eficiencia energética de todo el ciclo productivo, dando respuesta a las actuales necesidades de una amplia variedad de sectores industriales.

DISIRE comenzó el pasado mes con la reunión de lanzamiento celebrada a finales de enero en Bruselas, en la que participaron los 15 socios del proyecto procedentes de Suecia, Polonia, Italia, Alemania, Israel y España. El consorcio está compuesto por algunas de las multinacionales más importantes del sector industrial europeo, proveedores de tecnologías y soluciones industriales y centros de investigación, entre los que se encuentra CIRCE, quien liderará las tareas relacionadas con la caracterización y mejora de los procesos de combustión.

Además, desde CIRCE se ha desarrollado una metodología para el diagnóstico por imagen de este proceso de forma online. Esta metodología se utilizará para comparar imágenes, instrumentos de medida y simulación, permitiendo una validación y ajuste de la propia metodología de diagnóstico.

Tags

spire, industria, comisión europea