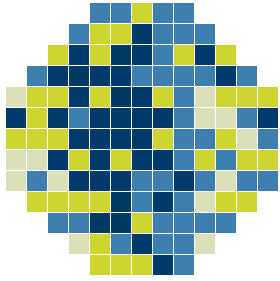




NUOVEMATERIE

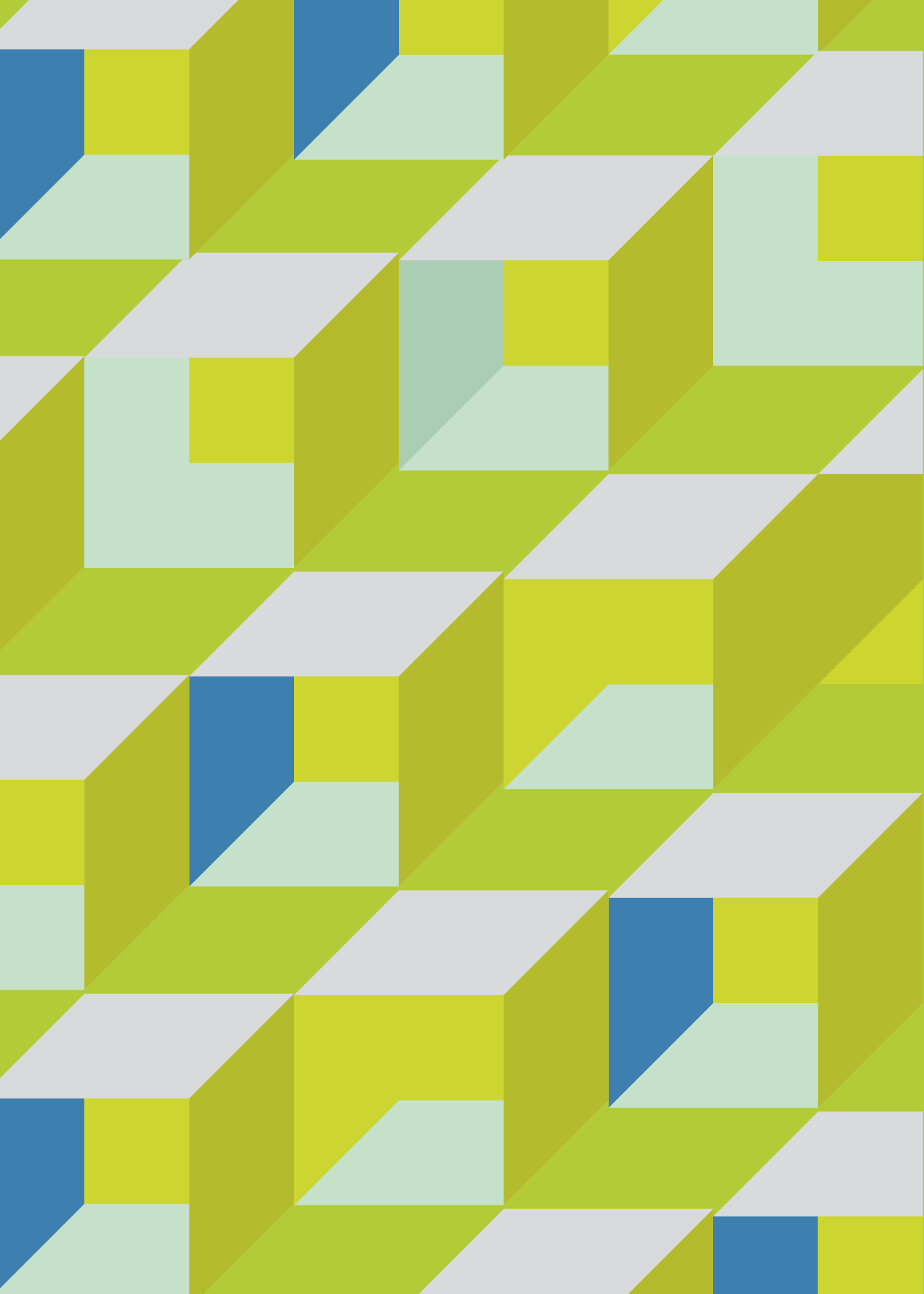
INNOVATION POLE
FOR MATERIALS
AND PRODUCTION
TECHNOLOGIES

www.nuovematerie.calpark.it



NUOVE
MATERIE

INNOVATION POLE
FOR MATERIALS
AND PRODUCTION
TECHNOLOGIES



NUOVE MATERIE is the **INNOVATION POLE FOR MATERIALS AND PRODUCTION TECHNOLOGIES** in the region of Calabria, and has been active since December 2011.

As an intermediary, its main function is to facilitate the access to research and innovation for small and medium-sized companies. Currently, the Pole has **32 participating companies** operating in several R&D sectors such as materials, construction, wood and furniture, shipbuilding, electronics, agrifood, and services (see table 1), as well as two participating universities (**UNIVERSITÀ DELLA CALABRIA, UNIVERSITÀ MEDITERRANEA DI REGGIO CALABRIA**) and the **NATIONAL RESEARCH COUNCIL OF ITALY (CNR)**.

NUOVE MATERIE is managed by **CALPARK SCPA, SCIENCE AND TECHNOLOGY PARK OF CALABRIA**.

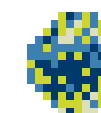
Since its creation in 1992, CALPARK has been actively engaged in the regional economic development of the region, by the planning, experimentation and application of technological research projects and innovation transfer.

**Mis/
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and Ma/
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SECTORS	COMPANY
RESEARCH & DEVELOPMENT	6
MATERIALS	5
SHIPBUILDING	4
ELECTRONICS	4
FURNITURE	3
INFORMATION & COMMUNICATION TECHNOLOGIES	2
MACHINERY	2
CONSTRUCTION	2
ENERGY	1
AGROFOOD	2
COMMUNICATION	1
TOTAL	32

NUOVE MATERIE shares expertises and advanced equipments to operate and deliver:

- > **Information Services** (funding opportunities, law updates, etc.) and **animation activities services** (organization of events, seminars, information days, etc...).
- > **Support to project development** (pre-feasibility studies, R & D projects, user driven innovation projects, technology intelligence, etc..).
- > **Basic training, short seminars and workshops on three macro-areas:**
 - the innovation management area, addresses issues related to project management, access to Eu programs on innovation, intellectual property;
 - the business area examines operational aspects, often overlooked, in the company management, such as communication, marketing, ict;
 - the technology area introduces and explores technological issues in the pole key areas of interest.
- > **Specialized training for entrepreneurs, engineers, technicians, researchers:** short-term and specialization courses.
- > **Promotion activities / technology valorization / innovative products** (trade fairs, road shows, technology events).
- > **Patents and licensing services.**
- > **Support to the setting up of enterprises.**
- > **Incubation services** (short and medium term, Flying office, etc...);
- > **Availability of infrastructure for research activities** (laboratories, equipments, etc...) and **provision of specialist services.**



Areas of inte/ rest

The **POLE** offers technical and scientific services to participating companies in the following three main areas of interest:

INNOVATIVE MATERIALS AND TECHNOLOGIES FOR THE CONSTRUCTION SECTOR

This area is oriented toward the design of structures that incorporate innovative materials, antiseismic structures, test and characterisation services (composite materials, self-diagnostic, etc.).

INNOVATION OF MATERIALS AND PRODUCTIVE PROCESSES FOR SMES

This area offers a large set of services for the main regional productive sectors (manufacture and agrifood, in particular): from integrated product design, to characterisation of new materials, to processes for recovery and valorisation of organic and inorganic waste.

MICRO AND NANO STRUCTURED MATERIALS

This area integrates academic research with those of technologically advanced SMEs, as well as research spin-offs (in sectors such as electronics, energy or biomedical systems) for the development of innovative products/processes with high impact (e.g., liquid crystal, Organic LED) or for the transfer of proven solutions (e.g., laser applications, membranes) in traditional sectors.

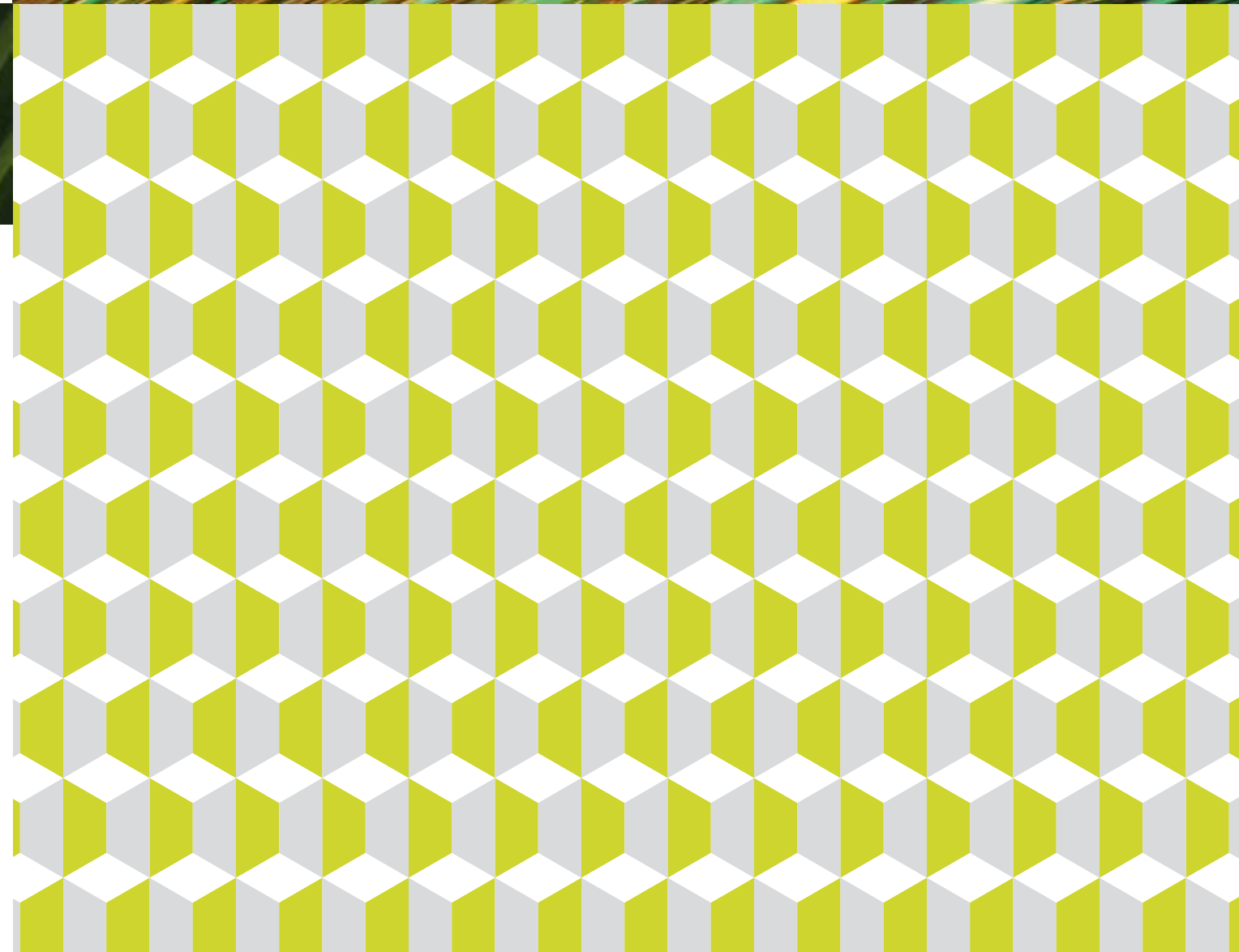
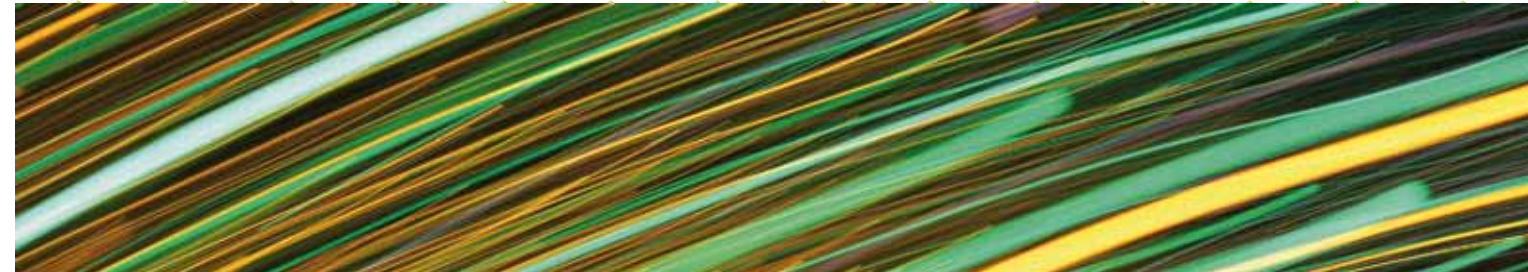
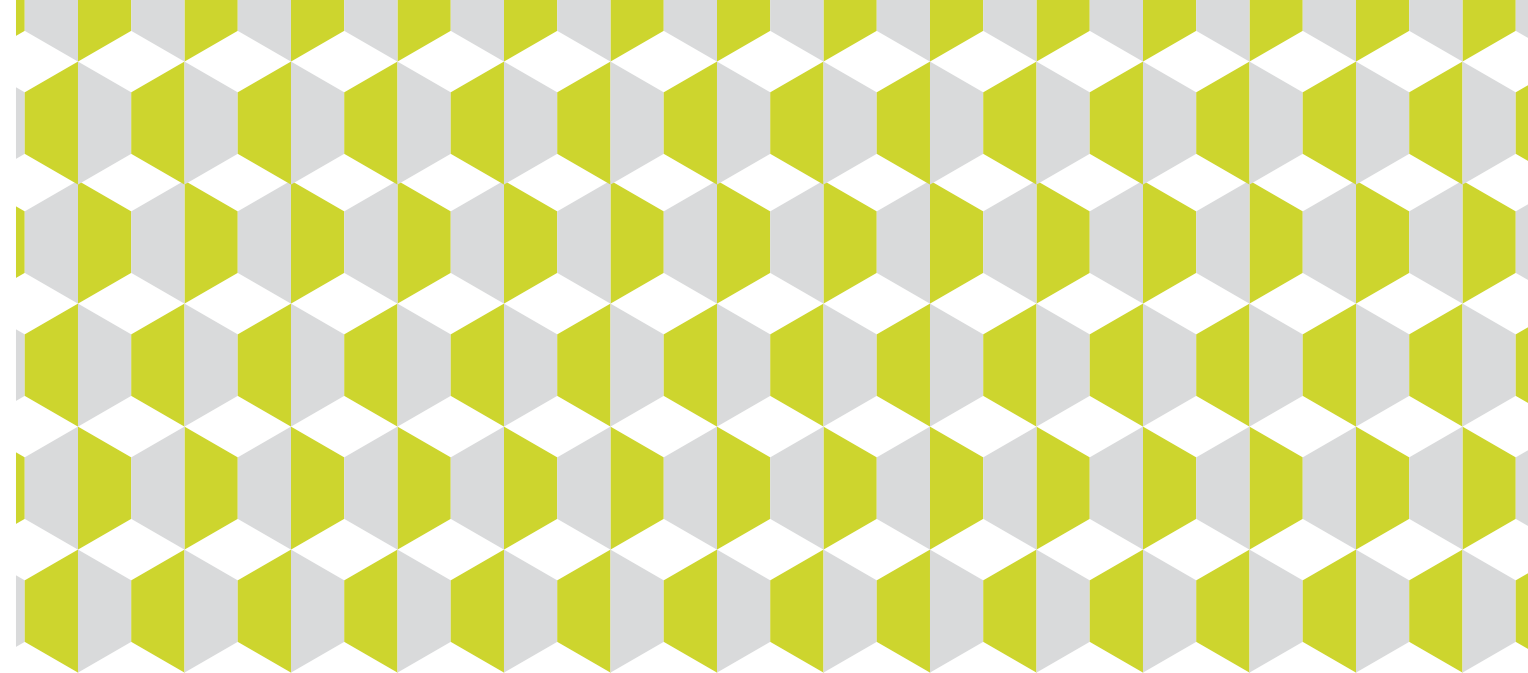
Invest/ ments

The **POLE** of Innovation will invest **4M€** in the period 2011-2014 which will significantly support its technical and scientific services: **2.4M€** will be provided for the purchase of research equipment; and **1.6M€** for service and infrastructure management.

Furthermore, the research and innovation programs of companies participating in the eight regional innovation Poles, will be directly supported by the Calabria Administration which will invest **53M€** in industrial research, **7M€** in innovation services and **7.5M€** in training.



- The Innovation **POLE** participating companies can:
- > share their technological equipments for the realization of research and innovation projects;
 - > benefit of scientific and technical services provided by the Polo, at their implementation cost;
 - > offer innovative services to other companies in the Pole;
 - > access to regional fundings, reserved to companies in the Regional Innovation Poles.



2012 Research Agenda

IN THIS YEAR'S (2012) "RESEARCH AGENDA", THE POLE "NUOVE MATERIE" HAS STIPULATED THAT ABOUT 4M€ SHOULD BE USED TO FUND 27 PARTICIPATING COMPANIES, 13 DEPARTMENTS OR RESEARCH CENTRES (8 PROJECTS) INVOLVED IN INDUSTRIAL RESEARCH.

.....
INNOVATIVE MATERIALS AND TECHNOLOGIES FOR THE CONSTRUCTION SECTOR

Research topic Design of structures, including seismic, with innovative materials

Projects CINZIA

Partners Personal Factory Srl, Co.Fer. Srl, F.Ili Cava Costruzioni Srl, Ecoplan srl, Magiant srl, Dpt. Modellistica per Ingegneria - Unical

Description Study and prototype components for prefabricated housing units, anti-seismic; including innovative concrete, for Social Housing and emergencies.

.....
Research topic Analysis and characterization of innovative composite materials for construction

Projects MACPOFIN

Partners Ekotem srl, GDS srl, Hit Rational Management srl, Epsilon Italia S.r.l. Dpt.Meccanica, Dpt. Chimica Unical

Description New composite materials with natural fibres, vegetable or inorganic origin, for various applications in the construction sector.

.....
INNOVATING MATERIALS AND PRODUCTIVE PROCESSES FOR SMES

Research topic Integrated product design

Projects ARS E DESIGN: L'ARREDO SOSTENIBILE

Partners Sirianni Sas, Procopio srl, Hi Interiors srl, Lacosa srl, Ecoplan srl, Dpt. Meccanica Unical

Description Ecodesign strategies for the development of new products. Design of intelligent furniture as a sustainability strategy. New materials for environmentally friendly solutions for sustainable furniture. Application of innovative panels made with pomace in the furniture sector

.....
Research topic Characterization and reuse of materials

Projects VETRIC

Partners Ecosidercompositi srl, ZEN Marine srl, ZEN Yacht srl, Dpt. Scienze Farmaceutiche, Dpt. Meccanica, Dpt. Chimica Unical

Description "Clean" recycling of ship fiberglass with reuse for other articles, increasing or decreasing the density depending on production requirements. Chemical and physical conditions to make it ideal for the production of components and printed boat hull.

Research topic Bio-related materials for nutraceutical and cosmetic applications

Projects FUNFOOTECH

Partners Macrofarm srl, Gioia Succhi srl, Unical: Dip. Chimica + Scienze Farmaceutiche

Description Characterization and exploitation of the products derived from the juice of bergamot for nutraceutical and cosmetic purposes.

Projects NATUREFUN

Partners Natureextra srl, Epsilon Italia srl, Lacosa srl, Dip Scienze Farma-ceutiche - Unical

Description Development of new innovative phytocomplexes, for phyto-chemical composition and biological activity, for the cosmetic market, using Calabrian or Mediterranean indigenous plant species.

.....
MICRO AND NANO-STRUCTURED MATERIALS

Research topic Developing micro-and nano-structured materials for energy saving

Projects SMARTLAYERCAL

Partners Notredame srl, Edp srl, DeltaE srl, Dip.Fisica-Unical, IPCF CNR (Licryl)

Description Development of the SMARTLAYERCAL electrochromic layer, adhesive, flexible, energy self-sufficient, controlled via Wi-Fi. Applicable to window of buildings for up to 30% energy savings.

Projects CENTRO SERVIZI MATERIA

Partners Unical

Description Development of a new flexible Organic Light Emitting Diode (OLED) device for novel applications. Development of Light Emitting Electrochemical Cells to explore the potential of the promising LEEC technology.

company

ARTES S.R.L.

SCIENTIFIC RESEARCH AND DEVELOPMENT
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artes@artes-research.com
www.artes-research.com
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BORRONE S.R.L.

BUILDING AND REPAIRING YACHTS AND SPORTS,
CAR MECHANIC, INDUSTRIAL VEHICLES GENERATORS
Località Triolo - 87022 Cetraro (CS)
Tel./ Fax (+39) 0982971476 / 0982972814
info@borrone.it; massimo@borrone.it
www.borrone.it
reference: Massimo Borrone

CENTRO TIPOLOGICO NAZIONALE S.C.P.A.

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ctnscpa@legalmail.it
www.centrotipologiconazionale.it
reference: Giovanni Piacente

CO.FER. S.R.L.

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info@cofercostruzioni.it
www.cofercostruzioni.it
reference: Salvatore Trusso

DELTA E S.R.L.

SCIENTIFIC INSTRUMENTS PRODUCTION
Via Pietro Bucci, 31D - 87036 Rende (CS)
Tel./ Fax (+39) 0984642616 / 09841900549
info@deltaonline.com
www.deltaonline.com
reference: Salvatore Abate

DIGICAL S.R.L.

INTEGRATED ENGINEERING SERVICES, PUBLISHING, MARKET
RESEARCH, INFORMATICS CONSULTING
Via Alessandro Volta, 154 - 87036 Rende (CS)
Tel./ Fax (+39) 0984401009 / 06233232612
info@digical.it
www.digical.it
reference: Sandro Turano

ECOPLAN S.R.L.

RECYCLED ECOPANELS PRODUCTION
C.da Primogenito Area P.I.P. - 98024 Polistena (RC)
Tel./ Fax (+39) 0966941844 / 0966941844
info@ecoplan.it cristofaro@ecoplan.it
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reference: Angelo Borgese

ECOSIDERCOMPOSITI S.R.L.

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EDP SRL

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info@edpsrl.com; emilio.ferraro@edpsrl.com
www.edpsrl.com
reference: Emilio Ferraro

EKOTEM S.R.L.

CORRUGATED PLASTIC PIPES AND PROFILES MANUFACTURING
Prima Zona Industriale - 89026 San Ferdinando (RC)
Tel./ Fax (+39) 0966768026 / 0966766578
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www.ekotem.it
reference: Domenico Stanganelli

EPSILON ITALIA S.R.L.

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g.martirano@epsilon-italia.it
www.epsilon-italia.it
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EUROPET S.R.L.

PLASTIC OBJECTS MANUFACTURING
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reference: Pasquale Nicoletta

FRATELLI CAVA DI CAVA GIOVANNI & C. S.R.L.

CONSTRUCTION INDUSTRY
Piazza Maestri del Lavoro, 13 - 87100 Cosenza (CS)
Tel./ Fax (+39) 098434857 / 098434862
informazioni@fratellcava.it
www.fratellcava.it
reference: Fiore Cava

G.D.S. S.R.L.

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reference: Rinaldo Cardaciotto

G&G DESIGN AND ENGINEERING S.R.L.

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info@gegde.com

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reference: Giuseppe Matrangolo

GIOIA SUCCHI S.R.L.

FRUIT JUICE PRODUCTION

1° Zona Industriale - 89013 San Ferdinando (RC)

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info@gioiasucchi.it

www.gioiasucchi.it

reference: Rocco Gaetano Gaglianò

**HIT RATIONAL MANAGEMENT
SOCIETÀ DI INGEGNERIA S.R.L.**

CIVIL ENGINEERING AND BUILDING CONSTRUCTION

MANAGEMENT, RESEARCH AND EXPERIMENTAL DEVELOPMENT

ON NATURAL SCIENCES AND ENGINEERING

Via Castello, 4 - 89127 Reggio Calabria

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hitrationalmanagement@pec.it

anscopelliti@gmail.com

reference: Luigi Maria Scopelliti

HI-INTERIORS S.R.L.

MANUFACTURING OF INTERIOR FURNITURE

Via C. Colombo, 11 - 87020 Tortora (CS)

Tel./ Fax (+39) 0985766790 / 0985766772

info@hi-can.com

www.hi-can.com

reference: Ivan Tallarico

LACOSA S.R.L.

COMMUNICATION DESIGN

Via Isonzo, 46 - 87100 Cosenza

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lacosa@lacosa.net

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reference: Giuseppina Bruno

MACROFARM S.R.L.

RESEARCH AND EXPERIMENTAL DEVELOPMENT

ON BIOTECHNOLOGY

Via Pietro Bucci - 87036 Arcavacata di Rende (CS)

Telefono / Fax (+39) 0984493151 / 0984493163

macrofarm srl@gmail.com

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MAGIANT S.R.L.

CUSTOM ELECTRONIC DESIGN

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info@magiant.it; massimo.merenda@magiant.it

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NATUREXTRA S.R.L.

RESEARCH AND EXPERIMENTAL DEVELOPMENT

ON NATURAL SCIENCES

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naturextra@naturextra.it

www.naturextra.it

reference: Giacomo Martirano

NOTREDAME S.R.L.

RESEARCH AND EXPERIMENTAL DEVELOPMENT

ON NATURAL SCIENCES AND ENGINEERING

Incubatore TechNest, Pzza Vermicelli

Università della Calabria int.51 - 87036 Rende (CS)

Tel./ Fax (+39) 0984496145 / 0984496145

marco.castriota@fis.unical.it

www.notredame-smartlayercal.com

reference: Marco Castriota

PCL SISTEMI S.R.L.

MANUFACTURE OF EQUIPMENT FOR

BEAUTY SALONS AND SPAS

Via Kuliscioff, 8 - 87075 Trebisacce (CS)

Tel./ Fax (+39) 0981507436 / 0981507436

info@pclsistemi.it

www.pclsistemi.it

reference: Gianpiero Pesce

PERSONAL FACTORY S.R.L.

DESIGN, PRODUCTION AND SALE OF AUTOMATIC

MACHINES AND CHEMICAL POWDERS FOR

THE CONSTRUCTION INDUSTRY

Viale Francesco Ceniti, 101 - 89822 Simbario (VV)

Tel./ Fax (+39) 096374257

info@personalfactory.eu

www.personalfactory.eu

reference: Giuseppe Costa

PHOGAR S.R.L.

RENEWABLE ENERGY, RESEARCH AND EXPERIMENTAL DEVELOPMENT

ON NATURAL SCIENCES AND ENGINEERING

Corso Italia - 87046 Montalto Uffugo (CS)

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PROCOPIO S.R.L.

INTERIOR DOORS MANUFACTURING

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staff@procopiosrl.it

www.procopiosrl.it

reference: Gioacchino Procopio

CAMILLO SIRIANNI S.A.S.

FURNITURE SCHOOLS, OFFICES,

FOR COMMUNITIES

Loc. Scaglioni, 30 - 88049 Soveria Mannelli (CZ)

Tel./ Fax (+39) 0968662147 / 0968666057

info@sirianni.it; claudio@sirianni.it

www.sirianni.it

reference: Claudio Sirianni

TECNAP S.R.L.

EQUIPMENT MANUFACTURING, ELECTRICITY DISTRIBUTION

NETWORKS AND ELECTRICITY MONITORING

Tel./ Fax (+39) 0984937408 / 0984937408

info@tecnap.it; segreteria@tecnap.it

www.tecnap.it

reference: Michele Passarelli

TECHFEMSUD S.R.L.

POWER PLANT ENGINEERING AND ENVIRONMENTAL WORKS,

FORESTRY AND BIOMASS PRODUCTION

C.da Bellafemmina, SS 280 Bivio Aeroporto, 2

88046 Lamezia Terme (CZ)

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fr.ferrini@techfem.it

www.techfem.it

reference: Francesco Ferrini

ZEN MARINE S.R.L.

MAINTENANCE AND REPAIRING OF BOATS

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Gioia Tauro (RC)

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ufficiotecnico@zenyacht.it

www.zenyacht.it

reference: Quinto Nicoletta

ZEN YACHT S.R.L.

BUILDING OF YACHTS AND BOATS

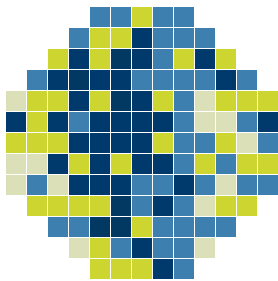
Zona Industriale Porto - 89013 Gioia Tauro (RC)

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NUOVE MATERIE

INNOVATION POLE
FOR MATERIALS
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NUOVE MATERIE - INNOVATION POLE FOR MATERIALS AND PRODUCTION TECHNOLOGIES

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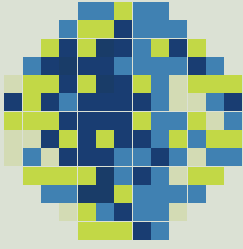


CALPARK

PARCO SCIENTIFICO E
TECNOLOGICO
DELLA CALABRIA



POR Calabria FESR 2007/2013
PRIORITY AXIS 1
I FOR INNOVATION
Objectives 1.1.1.1 e 1.1.2.2.



NUOVEMATERIE

INNOVATION POLE
FOR MATERIALS
AND PRODUCTION
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CALPARK

PARCO SCIENTIFICO E
TECNOLOGICO
DELLA CALABRIA

