

# EuCARD-2

Enhanced European Coordination for Accelerator Research & Development

## Milestone Report

### EUCAN web pages available

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# EuCARD-2

European Coordination for Accelerator Research and Development

Seventh Framework Programme, Capacities Specific Programme, Research Infrastructures,  
Combination of Collaborative Project and Coordination and Support Action

## MILESTONE REPORT

# EUCAN WEB PAGES AVAILABLE

### MILESTONE: MS4

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#### Abstract:

A web site has been created for the EuCARD-2 Accelerator Network Coordination (EuCAN), which is a task inside WP1 MANCOM. The EuCAN web site is an online resource providing the six accelerator networking work packages inside EuCARD-2 with information on planned joint events and on activities in the partner networks. This brief report describes the web site, its scope and structure.

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**Delivery Slip**

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## 1. EXECUTIVE SUMMARY

The web site <http://cern.ch/eucan> is the official, public site of the EuCARD-2 Accelerator Network Coordination "EuCAN".

EuCAN is a task within Work Package 1 (WP1) of the European Coordination for Accelerator Research and Development (EuCARD-2) project. EuCARD-2 has received funding from the European Community's Seventh Framework Programme under the Grant Agreement no. 312453.

The EuCAN web site was published in September 2013. The site is based on previous experience with the FP6 CARE and FP7 EuCARD programmes. The goal of this web site is to foster communication and coordination between the five accelerator science networks of EuCARD-2.

This report outlines the scope and structure of the public web site and the collaborative workspace, along with the plans for future developments.

This report documents the web site created for the EuCARD-2 Accelerator Network Coordination "EuCAN".

## 2. INTRODUCTION

**Task no. 1.4 of EuCARD-2 WP1** is the coordination of the EuCARD-2 accelerator networks (EuCAN).

The **mandate** of EuCAN is:

- to **coordinate the activities of the six accelerator networks within EuCARD-2;**
- to **monitor the work progress and budget of all networks, informing project management and participants, and disseminating achievements;**
- to provide a **platform for information exchange and collaboration between the accelerator networks** via a common calendar and web page; and
- to serve as **interface to other EuCARD-2 work packages and other similar national, European, international and American or Asian entities.**

The EuCARD web site should support this mandate.

## 3. WEB SITE

The EuCAN web site has been implemented in the summer of 2013. It is available at <http://cern.ch/eucan>. At present it includes the **mandate, links to the five individual EuCARD-2 accelerator networks** (more precisely, to those networks for which web sites are already available) as well as to EuCARD-2 WP2 (INNovation); announcements of **joint events**, a detailed **description of EuCAN** according to the EuCARD-2 project proposal, and a list of **EuCAN deliverables**. A snapshot is shown in Fig. 1.



# EuCAN

## Coordination of Accelerator Networks

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### Mandate:

- Coordinate the activities of the five accelerator networks within EuCARD-2
- Monitor work progress and budget of all networks, informing project management and participants and disseminating achievements
- Provide a platform for information exchange and collaboration between the accelerator networks via a common calendar and web page
- Serve as interface to other EuCARD-2 work packages and other similar national, European, international and American or Asian entities

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### EuCARD-2 Accelerator Networks

WP2: Catalysing Innovation (INNnovation)

WP3: [Energy Efficiency \(EnEfficient\)](#)

WP4: [Accelerator Applications \(AccApplic\)](#)

WP5: [Extreme Beams \(XBEAM\)](#) 

WP6: [Low Emittance Rings \(LOW-e-Ring\)](#) 

WP7: Novel Accelerators (EuroNNAc2)

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### Events:

**Early announcement:** A EuCAN workshop "**universities meet laboratories**" is planned for 2014

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### EuCAN Task Description:

The EuCAN task coordinates and integrates the five accelerator networking activities in EuCARD-2, namely WP3: EnEfficient, WP4: AccApplic, WP5: XBEAM, WP6: LOW-e-RING and WP7: EuroNNAc2 to ensure consistency of the WP work according to the project plan. It stimulates and guides progress on novel and high-performance accelerators for various fields of science, as well as on their applications e.g. for medical treatments, helping the topical networks to lay the foundation for a new generation of advanced accelerator infrastructures in Europe.

Building on the success of the FP6 CARE project and FP7 EuCARD-AccNet networking work package, this task provides an interface between the individual accelerator networks, developing synergies and supporting collaboration and joint events. It provides a common calendar of events for all networks, creates and maintains web pages, and helps with dissemination and outreach activities (publications in newsletters, CERN Courier, journal articles and booklets, etc.; seminars, discussions, teaching activities). The EuCAN task is also an *interface to other EuCARD-2 work packages, and national and international organizations* like ECFA, ICFA, ILC, CLIC, MAP, ESA, US DOE, KEK in Japan, and industry.

Coordination duties include organising *EuCAN internal steering meetings*, setting up proper reviewing, reporting to the project management and distributing information within EuCARD-2. The task also covers organising and supporting annual meetings dedicated to EuCARD-2 activity review and possible activity workshops or specialized working sessions, implying the attendance of invited participants from inside and outside the consortium. The *EuCAN membership consists of the coordinators of the five EuCARD-2 accelerator networks*.

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### EuCAN Deliverables:

D1.4.1) EuCAN web pages available: Continuously updated online resources to provide the accelerator networking work packages with information such as relevant events and publications (Task 1.4) [month 2]

D1.4.2) Key results of the five accelerator networks: A report on the main results from the accelerator networking work packages, namely WP3: EnEfficient, WP4: AccApplic, WP5: XBEAM, WP6: LOW-e-RING and WP7: EuroNNAc2. (Task 1.4) [month 48]

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*Fig. 1 Snapshot of EuCAN web site.*

#### 4. FUTURE PLANS

The **contents of the EuCAN public web site will significantly increase** as the projects evolve. The web site will be **continually updated** as new information becomes available. In particular, links will be added to **publications and presentations** inside each of the member networks.

Different solutions will be evaluated to provide access to the web site to the EuCARD-2 Accelerator Network WP coordinators, and to provide the possibility of document integration.