ECHAlliance Coalition of the Willing
“A Digital Health journey across Europe”
eHealth week Amsterdam 2016
Welcome ECHAlliance actions & Coalition of the Willing

Mr Brian O’Connor,
Chairman,
ECHAlliance
ECHAlliance Ecosystems
...meet EIP on AHA Reference Sites

Richard Corbridge,
CIO
Health Service Executive of Republic of Ireland

Noora Jansson,
Director,
OuluHealth at BusinessOulu

Tino Martí,
Head of the Fundació TicSalut International Area

Pilar Sala Soriano,
Project Manager
Instituto ITACA,
University of Valencia
Delivering eHealth Ireland

Richard Corbridge,
CIO
Health Service Executive of
Republic of Ireland
eHealth Ireland: Republic of Ireland Ecosystem

Richard Corbridge
Chief Information Officer – Health Service Executive - Ireland
Chief Executive Officer – eHealth Ireland

richard.corbridge@hse.ie

eHealthIreland.ie | @eHealthIreland @R1chardatron
The Ecosystem to Boost Your Business

Noora Jansson, Director, OuluHealth at BusinessOulu
OULU HEALTH

THE ECOSYSTEM TO BOOST YOUR BUSINESS

www.ouluhealth.fi

Noora Jansson
OuluHealth Director
@noora_jansson
noora.jansson@businessoulu.com
For Every Phase of Your R&D Process
Catalonia Ecosystem

Tino Martí,
Head of the Fundació TicSalut
International Area
Digital Health Ecosystem

La Meva Salut
Personal Health Record

HC3
Central repository for Health professionals
Reports and Medical Image

SIRE
E-prescription

IS3.cat
Health and social care process management layer

Digital Health

Primary care
- eCAP
- OMI i altres

Specialized care
- SAP ARGOS
- SAP
- HP
- SAVAC
- Altres

Non face-to-face care model

Analytic Model

Marketplace

Digital Health Platform
Apps quality accreditation
Marketplace
Digital Health platform
A “genetic” philosophy

Pilar Sala Soriano,
Project Manager
Instituto ITACA,
University of Valencia
VLC-HEALTH Ecosystem

A “genetic” phylosophy:

Inclusive:

a balanced representation of stakeholders.
VLC-HEALTH Ecosystem

Four priority lines:

- eHealth
- Chronic Diseases: Prevention through Healthy lifestyles and Early Detection
- Tourism and Quality of Life
- Personalising Health and Care
ECHAlliance Ecosystems
...meet EIP on AHA Reference Sites

Javier Quiles del Rio,
Manager of Health Innovation Programs Hospital 2050 & Innova Saúde,
Ministry of Health of Galicia

Christina Wanscher,
Special Adviser & International Coordinator,
Health Innovation Centre of Southern Denmark

Mariëlle Swinkels,
Strategic Advisor,
Region Noord Brabant
From Reference site to Innovation Health Ecosystem Engine at Work

Javier Quiles del Rio,
Manager
Health Innovation Programs
Hospital 2050 & Innova Saúde,
Ministry of Health of Galicia
Galician Ecosystem: Engine for innovation and competitiveness

- Coordinates innovation cross-sector policies
- Promotes Digital Agenda and ICT infrastructures
- Coordinates health and social policies

- EHR and ePrescription Full Deployed at Regional Level
- Integrated by:
  - SMEs
  - R&D Entities
  - Universities

- Manage Health Services for 95% population. 2.7M Citizens
- Promotes regulation changes
- Annual Budget: 3.700M€
- Integrates 38.000 PROFESSIONALS AND 2.7 M USERS

- Regional Funds support
- ERDF for Scaling up and Innovation
- H2020 Calls

GALICIAN HEALTH CLUSTER

GALICIAN GOVERNMENT

SMART SPECIALIZATION AND PUBLIC FUNDING

GALICIAN PUBLIC HEALTH SYSTEM
Galician Innovation Projects: Moving on to the future

PPI AND PCP: 23 Projects from 2011-2015

DIGITAL HOME AND EHR PLATFORM:
- Communicating EHR and the Patient.
- Apps integration -> mHealth development.
- TELECARE: Unique Platform and Unique Identifier for Health and Social Care
- Deployment in 2016-2020. 25M€ ERDF

PCP FOR PATIENT EMPOWERMENT.

Definition of needs and challenges
June 2016

Publication of PCP tender
4th QT 2016

Workshops and meetings with companies
3rd QT 2016

Execution of CPP
Ph 1 1st Semester 2017
Ph 2 2nd Semester 2017
Ph 3 1st Semester 2018

Contact us at www.empattics.eu
Region of South Denmark

Christina Wanscher,
Special Adviser &
International Coordinator,
Health Innovation Centre of
Southern Denmark
OCTOBER 3 – 7, 2016 IN ODENSE, DENMARK

ONE WEEK WITH FOCUS ON HEALTH & INNOVATION CONFERENCES, MATCH-MAKING, SOCIAL EVENTS & EXHIBITION

WWW.WHINN.DK

@wanscher / cew@rsyd.dk
Reference Site Noord-Brabant

Mariëlle Swinkels,
Strategic Advisor,
Region Noord Brabant
Dementia DEAL With It!

Improve the access to proven smart health products and services, so...

✧ People in the beginning stage of dementia can live **safe** and **comfortable** 2 years longer independently at home;

✧ Family carers can carry out their care tasks **in balance** with other activities.

Reference Site Noord-Brabant
Mariëlle Swinkels, Strategic Advisor, 9 June 2016
Raise Visibility, Connection & Inspiration

- **Impact of Local Communities & Economies**
  - Diversity, Grassroots, Trust,
  - New combinations
  - Learning by Co-creation

- **Sustainable**
ECHAlliance Working Groups

...meet EIP on AHA Action Groups

Ain Aaviksoo,
Deputy Secretary General for E-services & Innovation
Ministry of Social Affairs, Estonia

Dr Mike Scott,
Head of Pharmacy & Medicines Management,
Northern Health & Social Care Trust of Northern Ireland

Matthew Hotopf,
Director, South London & Maudsley NHS Foundation Trust NIHR Biomedical Research Centre
eHealth Strategy

Ain Aaviksoo,
Deputy Secretary General for E-services & Innovation
Ministry of Social Affairs, Estonia
The strategy: data-driven personalised healthcare

Genome Bank (Est 2001)
52,000 donors (5% of the population)

Digital health data from 9 sources (+10y history)

National & international investments for personalised medicine

Estonian National Personalised Medicine Programme
2016-2020

1. Feasibility and value in clinical environment
2. ICT infrastructure build-up
3. Innovation ecosystem for collaborative R&D, clinical and business development

Internationally open research and business development collaboration platform

Rapid clinical application of personalized medicine approach & decision-support tools

Personalized medicine centre of excellence

International business collaboration
Personalised Medicine Programme

Multistakeholder programme governance & management

1. Clinical pilots (e.g. precision screening, common complex diseases, pharmacogenomics, etc)
2. PM data warehouse (500,000 individuals)
3. Training & Communication (professionals & general public)
4. Health Information System adaptation (patient portal & clinical IS-s)
5. Clinical decision support applications for PM

Legal & bioethical framework

- Open platform for international R&D – The *CERN* for new health discoveries
Medicines Optimisation

Dr Mike Scott,
Head of Pharmacy & Medicines Management,
Northern Health & Social Care Trust of Northern Ireland
MEDICINES OPTIMISATION-
 PATIENT CENTRED APPROACH

Research, service development, innovation, knowledge exchange

Partnership with academia and industry and European colleagues

Model of Care - robust outcome measures

3 star reference site status
MEDICINES OPTIMISATION-ENABLING TECHNOLOGIES

Pharmacist interventions, medicines reconciliation, antimicrobial surveillance, clinician driven procurement, formulary support secure analytic tagging

Commercial partners
Inter eco system working group (MOWG)

Unmet needs

www.echalliance.com/info@echalliance.com
www.themoic.com

drmichael.scott@northerntrust.hscni.net
Mental Health & Wellness

Matthew Hotopf,
Director
South London & Maudsley NHS Foundation Trust NIHR Biomedical Research Centre
ECHAlliance Ecosystems
...meet EIP on AHA Reference Sites

Andrea Pavlickova,
European Service Development Manager
NHS24 Scotland

NickGuldemon,
Professor,
University Medical Centre Utrecht
Integrated Care for Chronic Diseases (B3)

Andrea Pavlickova,
European Service Development Manager NHS24 Scotland
B3 Action Group on Integrated Care

**Action Areas**
1. Organisational Models
2. Change Management
3. Workforce Development
4. Risk Stratification
5. Care Pathways
6. Patient Empowerment
7. Electronic Care Records / ICT/Teleservices
8. Finance, Funding

**Deliverables**
- Mapping of innovative practices
- Practical Toolkits
- Implementation on large scale
- More integrated, more efficient services

Local implementation
Commitments of the partners

Action Group work
provide input and expertise through an open collaboration
Framework for B3 Integrated Care Toolkit

B3 ASSETS
- Tools
- Methodologies
- Review docs
- Papers
- EU-funded projects

B3 MATURITY MATRIX
- Objective Self-assessment Tool for Regions
- Identification of Gaps
- Benchmarking of EIP B3 Regions

B3 GOOD PRACTICES
- Tailored recommendations
- Relevant Good Practices from other regions
- Knowledge Transfer

REPOSITORY
Personalised Health management & falls prevention (A2)

Nick Guldemond,
Professor
University Medical Centre, Utrecht
Benefits from Ecosystems to Industry

Marianne Kelly,
International Business Development Manager,
Konica Minolta Business Solutions Europe GmbH

Lars Kalfhaus,
General Manager,
Roche Diabetes Care Spain & Emminens Healthcare services

Tomaz Gornik,
CEO,
Marand
Healthcare Solutions for Today, Tomorrow & Beyond

Marianne Kelly,
International Business Development Manager,
Konica Minolta Business Solutions Europe GmbH
Document Life Cycle Management:
- Admission & Discharge
- Ambulance & emergency dispatch
- Patient procedures
- Invoicing & workflow automation

Security & Compliance

Cloud Hosting Services
Help Desk Support
Assessments

Primary Diagnostic Imaging
PACs, RIS, EHR
Zero Foot Print Viewer

Agile, Customer-Centric Innovation
Next Generation Technology
Continued Evolution & Transformation

Giving Shape to Ideas
THANK YOU FOR YOUR ATTENTION

WWW.KONICAMINOLTA.EU
Healthcare Costs and mHealth Market Europe

Lars Kalfhaus,
General Manager,
Roche Diabetes Care Spain &
Emminens Healthcare services
Healthcare Costs and mHealth Market Europe

Full potential not captured with current digital solutions

+ 30%-50% indirect costs
(absenteeism, reduced productivity, disability and condition induced unemployment)

80% (€ 96 bn) potentially preventable complications and operational expenses

Mostly d-t-c revenue models based on app sales, subscriptions, devices and services

€ 1,000 bn
Total Healthcare Costs

€ 700 bn
Costs Chronic Diseases

€ 120 bn
Direct Costs Diabetes

€ 5,7 bn
mHealth Market

2017

Sources: Commissioner Tonio Borg, 04 April 2014; IDF, Diabetes Atlas 6th edition, 2013; Research2guidance; March 2013; Roche data
Payment model will need to Adjust

Full potential will be captured through a changing business model.

- Payer cost risk
- Provider (Industry) cost risk
Post-modern EHR

Tomaz Gornik,
CEO,
Marand
VENDOR INDEPENDENT, OPEN DATA

FUTURE

APPLICATION A

APPLICATION B

APPLICATION C

IMAGES
PACS

DOCUMENTS
HL7 / CDA

STRUCTURED
DATA
ECHAlliance Coalition of the Willing

Marc Lange,
Secretary General
EHTEL

Agneta Granström,
Coordinator
Assembly of European Regions (AER)

Edwin Mermans,
Coordinator
CORAL

Joan Cornet,
Director
mHealth Competence Center
Mobile World Capital Barcelona
Marc Lange,
Secretary General
EHTEL
A service package which

- Brings Europe direct to your desk

- Facilitates for you
  - A common multi-stakeholder understanding of implementation projects
  - A self-assessment of implementation successes and challenges

- Is tailored to your needs,
  - Using well established methodologies
“In Finland, the policy makers needed to have a trusted review of our eHealth achievements and our chosen strategic approach. The review gave us the opportunity to reflect on our work to date. It meant we could be positive about our investments. We could also move forward with confidence as a country with our eHealth work.”

Päivi Hämäläinen

“Doing a business modelling exercise with EHTEL really fitted with the Scottish digital health and social care context. It has really helped us to ‘future-proof’ the directions we aim to take, and to inform our next step digital health and social care plans.”

Margaret Whoriskey

“The project group became aware of the Critical Success Factors for a successful roll out. The results have been presented to the strategic leader group in the hospital and all the municipalities. The project plan for 2015 had been revised, addressing two main tasks: preparing and implementing a business plan and a change management plan.”

Wenche Tangene
European Health TELematics

A cross-(any)border and multidisciplinary collaboration forum

Sustainable and large scale eHealth deployment requires engagement and synergies
CORAL

Edwin Mermans,
Coordinator
CORAL
Local impact, scale, ecosystems and making regional policy

Edwin Mermans, Coral & Brabant, Region of Smart Health
Amsterdam, June 9th 2016 @SmartHealthNB & @CoralEurope
What did we do?

To this café we were supposed to write down in a food diary what, when and how much we ate. A dietician then made a nutrition estimation. Some of us were a bit surprised by the result.

We also cooked a good 3-course dinner composed in a balanced way.
Assembly of European Regions (AER)

Agneta Granström,
Coordinator
Assembly of European Regions (AER)
AER- eHe@lth Network

Agneta Granström
President AER Committee 2 on Social Policy and Public Health ,
President AER- eHe@lth Network,
Norrbotten Sweden
Welcome to Luleå in Norrbotten, Sweden

Please book the conference 1-2 February 2017 in your calendar

www.nll.se/alec
Digital Health Academy

Joan Cornet,
Director
mHealth Competence Center
Mobile World Capital Barcelona
The Digital Health Academy, an initiative of Mobile World Capital Barcelona, focuses on teaching how to implement mobile technologies as an accelerator for the digital transformation in healthcare.

The Digital Health Academy (DHA) provides expert training, demonstrating its members how they can create, use, and integrate mobile and Digital Health. A collaborative platform built by our network of experts, DHA teaches how to best use innovative digital technologies in real healthcare settings.
VISION AND MISSION

Our vision is to become the global reference (center of excellence) in providing Digital Health expertise.

Our mission is to offer training to those who will be leading the digital transformation in healthcare by teaching how to design and integrate innovative digital and mHealth solutions in real world settings.

TO WHOM IS DHA ADDRESSED?

CEO / CIO (hospitals, telecom industry, health insurance companies)
Digital catalysts (developers, hospital IT, health tech companies)
Functional roles (doctors, nurses, pharma, other health professionals)
Management (hospital administrators)

DHA OBJECTIVES

Accelerate the digital transformation in healthcare
Provide high level training on digital health with a global positioning
Promote, disseminate and share successful mHealth methodologies and strategies that have shown measurable outcomes in improving healthcare
Act as liaison between healthcare and tech industry for successful projects deployment (offer and demand)
Guide industry leaders on trends for investment and innovation in mHealth
What’s Next?

Mr Brian O’Connor,
Chairman,
ECHAlliance
Closing & Networking