Community-based ICT for Maternal Healthcare in Africa

Fiche descriptive

<table>
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<tr>
<th>Informations projet</th>
<th>Financé au titre de H2020-EU.2.1.1.</th>
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<td>mHealth4Afrika</td>
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<td>N° de convention de subvention: 688015</td>
<td>Budget total € 1 999 995</td>
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<td>Site web du projet 🗙️</td>
<td>Contribution de l'UE € 1 999 995</td>
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<th>Date de début</th>
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<td>1 Novembre 2015</td>
<td>30 Avril 2019</td>
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<td>IIMC INTERNATIONAL INFORMATION MANAGEMENT CORPORATION LTD</td>
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Objectif

mHealth4Afrika is a collaborative research project that addresses maternal and newborn healthcare delivery, a key requirement of end-user communities in developing countries, and priority area in both the 2015 Millennium Development Goals and Post-2015 Sustainable Development Goals.

Aligned with Horizon 2020 Societal Challenges, mHealth4Afrika will research and evaluate the potential impact of co-designing an open source, multilingual mHealth platform on the quality of community based maternal and newborn healthcare delivery in Southern Africa (Malawi, South Africa), East Africa (Kenya) and Horn of Africa (Ethiopia).
Research and innovation actors from three European and four African countries will engage with local end-user communities (i.e. representatives of parents and local community leaders, Ministry of Health, healthcare professionals and volunteers, health oriented NGOs). Based on this User-centred Design, Living Labs, Collaborative Open Innovation based approach, the consortium will integrate and adapt

- Multilingual electronic health records to store patient history, associated tests and test results;
- Sensors to capture the results of a range of standardised tests for expectant and lactating mothers, unborn babies and infants;
- Analytical and visualisation tools to facilitate the interpretation and monitoring of the patient results; and
- Multi-lingual and multimodal mobile interfaces leveraging visualisation and speech synthesis to address literacy deficits and digitise data gathering through electronic forms.

By focusing on accessibility, usability and integrated training, this will facilitate urban, rural and deep rural healthcare workers to adopt and use a comprehensive system that integrates quality community based healthcare delivery with telemedicine. The expected outcome is a multi-region proof of concept that can make a significant contribution in accelerating exploitation of mHealth across Africa.

**Champ scientifique**

**Programme(s)**

**Thème(s)**

**Appel à propositions**

H2020-ICT-2015

**Régime de financement**

RIA - Research and Innovation action

**Coordinateur**
### IIMC INTERNATIONAL INFORMATION MANAGEMENT CORPORATION LTD

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East Wall Road 128 Docklands
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Irlande

**Type d’activité**
Private for-profit entities (excluding Higher or Secondary Education Establishments)

**Contribution de l’UE**
€ 890 461,25

**Contacter l’organisation**

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### Participants (8)

#### NELSON MANDELA UNIVERSITY

**Afrique du Sud**

**Contribution de l’UE**
€ 287 645,41

**Adresse**
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6001 Port Elizabeth

**Type d’activité**
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**Contacter l’organisation**

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#### STRATHMORE UNIVERSITY

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**Contribution de l’UE**
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00200 Nairobi

**Type d’activité**
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**Contacter l’organisation**

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**Éthiopie**

**Contribution de l’UE**
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**Adresse**
Kebele 16
Gondar

**Type d’activité**
Higher or Secondary Education Establishments

**Site web**

**Contacter l’organisation**
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ANONIM SIRKETI

Turquie

Contribution de l’UE

€ 189 103,75

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Type d’activité

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Site web

Contacter l’organisation

Dernière mise à jour: 14 Novembre 2019
Numéro d’enregistrement: 199851

Permalink: https://cordis.europa.eu/project/id/688015/fr

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