



POWER2DM

“Predictive model-based decision support for diabetes patient empowerment”

Research and Innovation Project

PHC 28 – 2015: Self-management of health and disease and decision support systems based on predictive computer modelling used by the patient him or herself

Deliverable 7.2

D7.1.2a Report on Dissemination Activities I

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PU	Public	X
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

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EXECUTIVE SUMMARY

This deliverable reports on the 2nd partial result of Task 7.1 including: Measures for practical implementation of the POWER2Dm Publication Rules, reporting on dissemination activities including congresses and publications, as well as the project website www.power2dm.eu.

POWER2DM Consortium Partners

Abbv	Participant Organization Name	Country
TNO	Nederlandse Organisatie voor Toegepast Natuurwetenschappelijk Onderzoek	Netherlands
IDK	Institute of Diabetes “Gerhardt Katsch” Karlsburg	Germany
SRDC	SRDC Yazilim Arastirma ve Gelistirme ve Danismanlik Ticaret Limited Sirketi	Turkey
LUMC	Leiden University Medical Center	Netherlands
SAS	SAS Servicio Andaluz de Salud	Spain
SRFG	Salzburg Research Forschungs Gesellschaft	Austria
PD	PrimeData	Netherlands
iHealth	iHealthLabs Europe	France

OPEN ISSUES

No:	Date	Issue	Resolved
1	Jan 31, 2019	POWER2DM Handbook still to be completed	

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1 INTRODUCTION

1.1 Purpose and Scope

This document describes the 2nd partial result of Task 7.1. This task includes dissemination activities including workshops, hackathons, special sessions or events; updates of project website and social media news; and the writing of the POWER2DM Handbook.

1.2 References to POWER2DM Documents

- POWER2DM Description of Work (Proposal)
- POWER2DM D5.6: “D5.4.2 User Training Materials and Outcomes”
- POWER2DM D7.1: “D7.1.1 Communication and Dissemination Plan “
- POWER2DM D8.9: “D8.2.1 Quality Assurance Plan”

1.3 Definitions, Abbreviations and Acronyms

Table 1 List of Abbreviations and Acronyms

Abbreviation/ Acronym	DEFINITION

2 DISSEMINATION PROCEDURES

2.1 Introduction

The POWER2DM Publication Rules have been defined previously in Deliverable 8.9 “D8.2.1 Quality Assurance Plan”. To ensure proper adherence to these rules, in their meeting of Nov 27-28, 2018, in Leiden, The Netherlands, the Executive Board of the POWER2DM Consortium took measures for practical implementation of a specific subset of these rules shown below:

Section 4.3.1 Rules for Publication and Presentation

6. All proposals for paper writing should be directed to the Executive Board of POWER2DM for evaluation, optimally when started, and in any case at least 45 calendar days before the intended date of submission for publication (Article 8.4.1.1 of CA).
7. The group interested in writing an article shall write a proposal for paper which must include an abstract resuming the extent of the publication.
10. All Abstracts and congress communications should be directed to the Executive Board of POWER2DM for evaluation, optimally when started, and in any case at least 14 calendar days before submission.
11. ...
12. The Executive Board may create a specific Publication Management Committee, which would have the power attributes for Publication Management.

Box 2.1. Subset of the POWER2DM Rules for Publication for which a specific practical implementation was put in place.

These measures include: the installment of a Publication Management Committee, the construction of a Publication Proposal template, and the establishment of a Publication Tracking system. Details are given in Section 2.2-2.4.

2.2 Publication Management Committee

In accordance with Publication rule 12 (see Box 2.1) the Publication Management Committee was installed, consisting of one representative of each POWER2DM partner, i.e. Tuncay Namli (SRDC), Eckhard Salzsieder (IDK), Manuela Plössnig (SRFG), Nielsen Vermij (PD), Javier Delgado-Lista (SAS), Jacob Sont (LUMC), Albert de Graaf (TNO), and Armelle Merle (iHealth).

Proposals for publication are to be addressed to the Publication Management Committee respecting the timing in Publication rules 6 and 10 (see Box 2.1).

2.3 Publication Proposals

For practical implementation of Publication rule 7 (see Box 2.1), a Publication Proposal template was constructed and made available to the Consortium. This template includes the items listed in Table 2.3.1. The template is given in full in Appendix 1 in Section 6.1.

Table 2.3.1. Sections of the POWER2DM Publication proposal template.

Author information
Proposed title
Publication type
Intended medium
Brief summary
Timeline

2.4 Publication Tracking

The Publication Management Committee proposes a system for publication tracking by quarterly updated information in a dedicated spreadsheet.

The items monitored for tracking scientific papers are given in Table 2.4.1.

The items monitored for tracking conferences are shown in Table 2.4.2.

The items monitored for tracking of dissemination to the general public are given in Table 2.4.3.

KPI's monitored to gauge the impact of the dissemination are included in these tables.

Table 2.4.1. Items monitored for tracking of scientific papers

Working title	Relevant for Work package (WP)	Lead partner	First author	Co-Authors	Target date for submission? (E.g. Q4-2019)	Main data to be used	Intended journal	Data available?	Analysis done?

Table 2.4.1. (Continued)

Draft manuscript (MS) available?	MS shared with WP Leader (WPL)?	MS accepted by WPL?	MS distributed within POWER2DM Team	MS final and submitted to journal	Revision ongoing	MS accepted	Published	Open access?	Press release	Citation monitoring

Table 2.4.2. Items monitored for tracking of conference contributions

Title	Conference/Event	Date	Location (City, Country)	Type of presentation (oral, poster, booth, etc.)	Relevant for WP	Responsible partner	First author	Co-Authors	Type of audience reached	Estimated Number of persons reached	Press release

Table 2.4.3. Items monitored for tracking of dissemination to the general public

Title of communication	Brief outline of planned dissemination (describe context and provide details such as radio station, name of newspaper etc.)	Relevant for WP	Type (press release, newsletter, blog, TV or Radio interview, etc.)	Responsible partner	Co-Authors	Reach (Country, European, Worldwide or online)	Target date for release	Publication date

3 DISSEMINATION ACTIVITIES

3.1 Tracked disseminations

The number of dissemination items of POWER2DM is still limited due to the fact that the construction of the first prototype was delayed by approximately 1 year with respect to the original planning. Attention in the foregoing period has focused primarily on the completion, cloud deployment, testing and bug fixing of the POWER2DM integrated system, as well as the preparations for the clinical trials that include the compilation of the POWER2DM Investigational Medical Device Dossier. With the recent completion of the first POWER2DM Prototype, and the start of the Evaluation Campaign, sufficient material is available to create a more elaborate promotion video and to start organising prototype demonstrations. A substantial increase of dissemination activities is therefore expected for the remaining duration of the project which includes the 1-year extension granted by the Commission as a result of the review process.

3.1.1 Publications

The first scientific paper from POWER2DM was recently published as summarized in Table 3.1.1.

Table 3.1.1. Summary of POWER2DM publications in scientific journals

Title	Relevant WP	Lead partner	First author	Journal	Status	Hyperlink
An expandable approach for design and personalization of digital, just-in-time adaptive interventions	3	SRDC	S. Gonül	J. Am. Med. Inform. Assoc.	Published	JAMIA2018_SRDC

3.1.2 Congresses

Various oral and poster presentations from POWER2DM were given at conferences as summarized in Table 3.1.2. Several more are currently planned for 2019. These will be reported in the final iteration of the Report on Dissemination Activities, towards the end of the project in D7.3.

Table 3.1.2. Summary of POWER2DM dissemination on Conferences.

Title	Conference/ Event	Type of presentation (oral, poster, booth, etc.)	Relevant for WP	Responsible partner	First author	#/Type of audience
Predictive model-based decision support for diabetes patient empowerment	e-coaching for Health and Wellbeing, Jan 2017, Amsterdam, Netherlands	poster	All	TNO	W. Otten	50, scientists, practitioners
Effects of intensive self-monitoring of lifestyle factors on glycemic control	Ann. Dutch Diabetes Meeting Nov 2017, Oosterbeek, The Netherlands	Oral	5	LUMC	B. Uitbeijerse	30, MD's, scientists
POWER2DM: Predictive model-based decision support for diabetes patient empowerment	22nd International Conference on Prevention of Diabetes and Complications, Oct 2017, London, UK	Oral	All	TNO	A.A. de Graaf	50, scientists, MD's, practitioners
Novel type 2 diabetes forecasting model for diabetes	Ann. Dutch Diabetes Meeting Nov 2018,	Oral	2	TNO	A.A. de Graaf	25, MD's, scientists

patient empowerment	Oosterbeek, The Netherlands					
Prolonged glucose monitoring	Wearables in Practice symposium, Nov 2018, Amsterdam, The Netherlands	Oral	5	TNO	A.A. de Graaf	35, scientists
Optimization of Just-in-Time Adaptive Interventions Using Reinforcement Learning	31st International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA-AIE 2018), June, 2018, Montreal, Canada	Oral, Publication	3	SRDC	S. Gonul	35, scientists
POWER2DM: Predictive model-based decision support for diabetes patient empowerment	Informatics for Health 2017, April, Manchester, UK	Oral, Publication	All	SRDC	T. Namli	50, scientists, MD's
Estudio POWER2DM. Rationale y metodología: Desarrollo de una plataforma tecnológica para mejorar el empoderamiento y reducir las complicaciones cardiovasculares de pacientes diabéticos	XXX Congress of the Spanish Atherosclerosis Society	Oral	All	SAS	Isabel Perez-Corral	700 physicians and biologists (Awarded as best oral presentation)

3.1.3 Miscellaneous

News items and press releases relating to POWER2DM are posted on the project website and social media. Additional disseminations during special events are summarized in Table 3.1.3.

Table 3.1.3. POWER2DM dissemination during special events

Title of communication	Brief outline of planned dissemination (describe context and provide details such as radio station, name of newspaper etc.)	Relevant for WP	Type (press release newsletter, blog, TV or Radio interview, etc.)	Responsible partner	Reach
POWER2DM - Predictive model-based decision support for diabetes patient empowerment	Nationale e-Health week 2018: week-long information campaign featuring > 200 open door events in healthcare institutions across The Netherlands, organised by Dutch organisation ECP Platform for information society, together with key partners Dutch Ministry of Health, ZonMw, Health insurance companies, and Health Holland	All	Newsletter contribution as part of LUMC open-door event	LUMC	The Netherlands
POWER2DM - Predictive model-based decision support for diabetes patient empowerment	HIMSS'18 Eurasia Health Informatics Exhibition, Istanbul	All	Poster at exhibition stand	SRDC	Turkey
POWER2DM - Predictive model-based decision support for diabetes patient empowerment	TUBITAK (The Scientific and Technological Research Council of Turkey) H2020 Success Stories Web Site (https://h2020.org.tr/en/basari-hikayesi/all)	All	Presented in Web site	SRDC	Turkey
POWER2DM Personal Health Data Store (PDS)	FHIR Connect-a-thon, May 2017, Madrid, Spain	4	FHIR compliance testing activity	SRDC	Turkey

3.2 Calender of events

A selection of upcoming events and congresses relevant for POWER2DM are listed below.

Event	Type	date/location	POWER2DM dissemination planned?
dHealth2019	Annual Austrian conference on Health Informatics and Digital Health	May 2019, Vienna, Austria	Y
American Diabetes Association's 79th Scientific Sessions	Scientific congress organised by ADA	June 2019, San Francisco, USA	

IEEE-EMBS2019 conference	Scientific conference covering cutting-edge research and innovation in biomedical engineering, healthcare technology and medical informatics	July 2019, Berlin, Germany	
55th Annual Meeting of EASD	Scientific congress organised by EASD	Sept 2019, Barcelona, Spain	
Annual Dutch Diabetes Research Meeting	Annual Dutch Scientific conference on research in diabetes	Nov/Dec 2019 and 2020, Oosterbeek, The Netherlands	Y
Annual World Congress on Insulin Resistance, Diabetes, and Cardiovascular Disease (WCIRDC)	Global clinical scientific meeting dedicated to diabetes, obesity, lipids, cardiovascular disease (CVD), and energy balance, linking basic research to clinical practice. Organized by The Metabolic Institute of America (TMIOA)	Dec 2019, Los Angeles, USA	
Digital health events 2019	https://sdk.healthdataspace.org/whats-on-2019-the-digital-health-events-of-the-year/	various dates/locations	
mHealth events 2019	https://medicaleventsguide.com/speciality/mhealth-ehealth/	various dates/locations	

4 WEBSITE AND SOCIAL MEDIA

4.1 Website

The POWER2DM website is currently organised as shown in Figure 4.1.

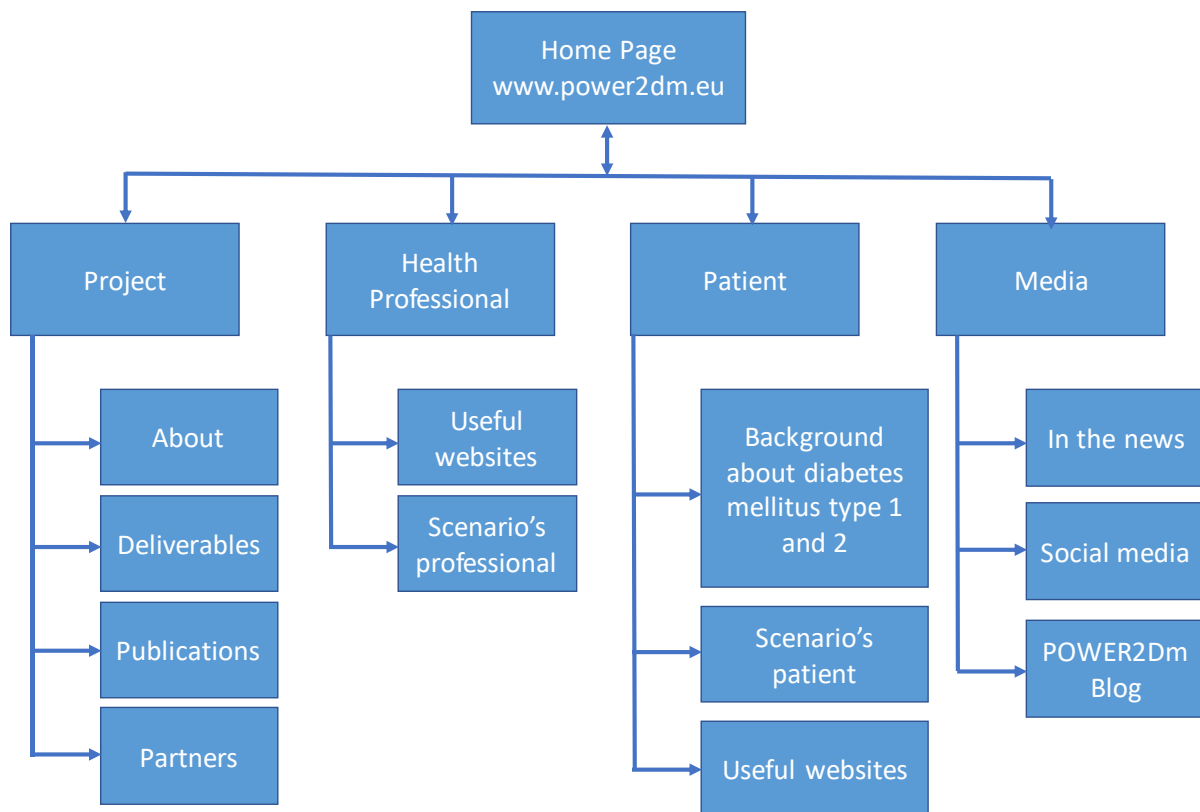


Figure 4.1. Site map of the POWER2DM website

4.2 Social Media

POWER2DM dissemination takes place on social media Facebook, Instagram and Twitter https://twitter.com/Power2_DM. Twitter is the most actively maintained medium, featuring POWER2DM newsitems as also posted on the website, and standard retweeting of tweets from WorldDiabetesDay, Glycosmedia (A diabetes news service for healthcare professionals).

An impression can be obtained from the POWER2DM Twitter web page shown below.

5 POWER2DM HANDBOOK

The POWER2DM Handbook is currently under construction, together with the POWER2DM Investigational Medical Device (IMD) Dossier which will be submitted to the Medical Ethical Committee of LUMC, in The Netherlands. In preparing the Handbook, relevant content from the IMD Dossier is being combined with e.g. patients instructions developed for the Evaluation Campaign (see D5.6 “D5.4.2 User Training Materials and Outcomes”) into a complete manual. Results will be reported in a next iteration of the description of Dissemination Activities.

6 APPENDICES

6.1 Appendix 1 - Publication proposal template

POWER2DM Proposal for publication



Please e-mail completed form to Albert de Graaf. E-Mail: albert.degraaf@tno.nl

Date of receipt: _____

Date of approval: _____

1. First author information:

Name of first author: _____

Work Package concerned: _____

E-mail address: _____

Telephone: _____

Partner/Site: _____

2. Working title of planned publication:

3. Type of publication (journal article, conference oral/poster/booth, dissem. to general public, IPR):

4. Intended journal, conference, general public dissem. type (press release newsletter, blog, TV or radio interview, etc.), patent office:

5. Give a brief summary (~1 page) of your planned publication content. For journal articles this includes the following:

- a. Research question and/or hypothesis
- b. Brief background and rationale for addressing the research question in POWER2DM
- c. Brief outline of methods e.g. variables to be used in main analysis in case of an experimental study (the main predictor and outcome variables must be identified)
- d. Outline of analyses

6. Proposed authors:

7. Timeline for completion and submission of manuscript

I hereby state that I will use the data only for addressing the research question described in point 3, and not for other purposes, unless I submit a new analysis plan. Manuscripts and conference presentations derived from this analysis will follow the rules as described in the POWER2DM publication policy document.

I will adhere to the POWER2DM publication rules as laid out in the Grant Agreement and Project Agreement.

Signed

Date
