



*Trustworthy AI Tools for the Prediction of Obesity Related Vascular Diseases*

*HORIZON-HLTH-2022-STAYHLTH-01-04-TWO-STAGE*

## **DELIVERABLE D7.1**

### **COMMUNICATION KIT**

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<b>Dissemination level</b>	Public
<b>Type</b>	Report
<b>Delivery date</b>	31 July 2023

*AI-POD is funded by the European Union's Horizon Europe research and innovation programme under grant agreement No 101080302*



**Funded by  
the European Union**





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## Disclaimer

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## 1. INTRODUCTION

AI-POD is a transformative initiative set out to revolutionise obesity-related disease prediction for cardiovascular disease. By developing a novel, trustworthy AI-based risk score, and tools for clinical decision support, AI-POD aims to empower clinicians and patients alike, shaping treatment strategies, and driving the evidence-based healthcare innovation.

As a collaborative effort involving numerous partners, it is essential to maintain clear and consistent communication throughout the project's duration.

This communication kit serves as a comprehensive resource for project partners, providing them with the necessary materials and guidelines to effectively introduce, present, and promote the AI-POD project. The kit contains a range of items, including project summaries, press releases, branding guidelines, templates for presentations and social media, and more. The goal of this kit is to streamline communication efforts, ensure a unified message, and facilitate smooth collaboration among all involved parties.

## 2. SCIENTIFIC ABSTRACT

The AI-POD communication kit includes the scientific abstract that succinctly outlines the objectives, methodology, and expected outcomes of the project. The abstract serves as a comprehensive yet concise summary, making it an invaluable resource for project partners who need to quickly familiarise themselves with the project's details or share information with external stakeholders. It is written in a technical and precise language to cater to a more specialised audience, ensuring that the project's key messages are accurately conveyed. The scientific abstract is provided in the following.

Weight problems and obesity are increasing at a rapid rate already concerning more than 436mio people in European countries. Obese persons have a 50% higher risk of cardio-vascular disease (CVD) mortality and treatment costs result in a total economic burden of over 210 billion Euro per year. To date the prediction of the individual risk for major adverse CVD events in the obese patient population is a challenge. Current risk scores are not sufficiently accurate and there is no implementation of scores into user friendly solutions. The AI-POD project aims to reduce the number of CVD related deaths in Europe by developing an AI-based risk prediction score to support clinical decision making and by equipping obese persons with trustworthy AI tools. AI tools will integrate clinical, laboratory and imaging data to translate disease risk into actionable health information to guide diagnostic steps and treatment recommendations. The tools will be validated in six clinical sites on CVD and serve as the basis for a lasting interdisciplinary platform for distributed learning in other vascular territories. AI-POD will push the boundaries of clinical insight in CVD in obese persons, including its treatment and risk management. AI-POD main outcomes are (1) a novel imaging-based AI-based risk score and Clinical Decision Support System (CDSS) for the risk assessment and prediction of obesity-related CVD and associated complications as a pre-requisite for further AI-based prevention and treatment management; (2) an innovative, easy-to-use mobile app for citizens (Citizen App) that interacts with the CDSS empowering obese people to better monitor and manage their own health. Physicians will benefit from more efficient workflows and in consequence, public health budgets will be unburdened by reducing morbidity and mortality of obese individuals.

## 3. LAY AUDIENCE SUMMARY

In addition to the scientific abstract, the AI-POD communication kit provides a summary tailored for a lay audience. This summary aims to effectively communicate the project's goals, progress, and significance to non-experts or individuals outside the field of medical research and imaging. Written in clear, non-technical language, it ensures that the project's key aspects are easily understood by a broader audience, facilitating





wider outreach and engagement. The lay audience summary can be particularly useful when communicating with the general public, media, or non-specialised stakeholders. The lay audience summary is provided in the following.

The AI-POD project is set to tackle the significant issue of obesity and related heart diseases across Europe, using the power of artificial intelligence (AI). With more than 436 million people in Europe dealing with weight problems, there is a clear and urgent need for a solution. Obese individuals are 50% more likely to die from heart diseases, and the cost of treating these conditions is a massive 210 billion Euros each year.

Today, one of the biggest challenges is figuring out who among the obese population is most at risk of severe heart disease events. The methods we currently have aren't precise enough in predicting this, and there aren't any easy-to-use tools that apply these methods to help people manage their health.

That's where the AI-POD project comes in. The ultimate goal is to reduce the number of people suffering from heart diseases in Europe. To do this, the project aims to create an AI-based score that can predict a person's risk of developing serious heart disease. This score will support doctors in making important decisions about patient care.

The project will develop AI tools that can be trusted by the people who need them most - those struggling with obesity. These tools will use a mix of clinical, lab, and imaging data to turn disease risk into understandable and actionable health information. This can guide the steps needed for further diagnosis and treatment. All these AI tools will be tested in six clinical sites on heart disease patients.

In summary, the AI-POD project will push the limits of our understanding and management of heart disease in obese individuals. The two main outcomes of this project will be an AI-based risk score and a clinical decision support system, which will help doctors assess and predict heart disease risks and complications. We will also develop an easy-to-use mobile app for citizens, that interacts with this system, empowering individuals to better monitor and manage their health.

The project aims to make life better for doctors and patients by streamlining workflows, and to reduce the strain on public health budgets by decreasing the number of obese individuals suffering from heart disease.

## 4. PRESS RELEASE

The AI-POD communication kit features the initial press release, which provides a comprehensive overview of the project's objectives, consortium, and potential impact. It marks the official launch of the project. Further press releases will be developed throughout the project's duration to keep stakeholders and the public informed about key milestones and accomplishments. As with the initial press release, all future press releases will be shared with project partners ahead of publication to ensure proper dissemination and alignment across all parties. The initial press release can be found at the end of this section.

### **AI-POD Project Launches to Transform Obesity-Related Cardiovascular Disease Prediction with Advanced AI Tools**

*May 22, 2023* - A groundbreaking EU-funded project, AI-POD, has been launched by a consortium of 11 partners from eight countries, with the ambitious goal of reducing cardiovascular disease (CVD) risks in the obese population through innovative AI-based predictive tools.

Over the course of four years, experts from various fields, including radiology, computational imaging research and industry, will collaborate to develop a state-of-the-art imaging-based AI risk score, a





clinical decision support system (CDSS), and a mobile app for personalized risk assessment and prediction of obesity-related CVDs and their associated complications.

Obesity is a pressing concern in Europe, affecting more than 436 million people and leading to a 50% higher risk of CVD mortality. This epidemic results in an economic burden exceeding 210 billion euros per year. Current risk assessment methods are inadequate in terms of accuracy and practical application. AI-POD aims to tackle these challenges by integrating clinical, laboratory, and imaging data to translate disease risk into actionable health information that can guide diagnostic steps and treatment recommendations.

Professor Ulrike Attenberger, Director of Department of Diagnostic and Interventional Radiology at the University Hospital Bonn (UKB) is the coordinator of the AI-POD project, and expressed her enthusiasm: "With AI-POD, we are pushing the boundaries of clinical insight in cardiovascular disease management for obese individuals. Our goal is to develop trustworthy AI tools that will not only support clinical decision-making, but also empower patients and persons at risk to better monitor and manage their own health. By doing so, we aim to significantly reduce morbidity and mortality among obese individuals while also making a positive impact on public health budgets."

The AI-POD project will be validated in six clinical sites and aims to establish a long-lasting interdisciplinary platform for distributed learning in other vascular areas. This innovative project will also create an ethical framework to address potential concerns regarding the new technologies, and evaluate their acceptability, social desirability, and user satisfaction.

The AI-POD project is poised to revolutionize the way obesity-related CVDs are predicted and managed, ultimately improving health outcomes for millions of Europeans.

More information of AI-POD: [www.ai-pod.eu](http://www.ai-pod.eu)

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## 5. SUMMARIES OF ALL WORK PACKAGES

The AI-POD project is organised into a series of Work Packages (WPs) that outline the specific tasks and objectives required to achieve the project's overall goals. Each WP represents a distinct area of focus and contributes to the efficient execution and completion of the project. To help project partners and stakeholders better understand the structure and responsibilities of each WP, concise summaries have been prepared for all eight WPs. These summaries provide an overview of the objectives, tasks, and expected outcomes of each WP, enabling a comprehensive understanding of the project's organisation and progress. The WP summaries are provided in the following.

**AI-POD is a cutting-edge project aimed at improving cardiovascular health in obese individuals through advanced AI research. Our mission is divided into eight key work packages, each bringing together cutting-edge technology, advanced healthcare research, and ethical guidelines to shape the future of AI in healthcare.**

**WP1 – Building a cloud-based data platform for advanced healthcare research**





Work Package 1 (WP1) focuses on the development of a specialized cloud-based data platform to support the project's data-intensive healthcare research. This high-powered platform is dedicated to managing, curating, and processing large volumes of multi-modal healthcare data.

Key objectives of WP1 include creating the data platform and aligning it with consortium requirements, ensuring its compatibility with different data formats (such as DICOM, laboratory data, and clinical data), and equipping it with robust data privacy protection and information safety supervision functions.

The cloud-based data platform will be operationalized in three main stages: platform development and deployment, clinical partner preparation and deployment, and data ingestion and structuring.

The platform development and deployment stage involves the initial setup, agile development of specific features requested by consortium partners, and quality assurance. The subsequent stage prepares the clinical partners for data upload, ensuring a harmonized workflow across different partners. The final stage is focused on setting up data routing paths, extracting data, and integrating the platform into clinical information systems.

Ultimately, WP1 aims to create a versatile and secure data platform that facilitates effective data management and accessibility for advanced AI-driven healthcare research.

### **WP2 – Data acquisition, processing, curation and annotation**

WP2 focuses on the comprehensive management of data required to create an effective AI model for analyzing heart health in obese patients. This entails the collection of a significant volume of cardiac CT examinations and related health data. Once gathered, these data undergo thorough curation to ensure they're optimized for AI analysis.

A substantial aspect of this work package involves the development of an innovative photon-counting CT protocol. This technology will provide high-resolution images at the lowest possible radiation dose, making it a safer and more efficient tool for imaging obese patients.

Furthermore, this work package will employ advanced prototype software to extract vital features from the collected imaging data. This software aims to reveal details about the cardiovascular system that aren't typically part of standard clinical examinations.

Finally, WP2 ensures all data are meticulously curated and annotated. This rigorous process ensures high-quality data are available for AI model development and validation, providing a robust foundation for subsequent project stages. By harmonizing and refining data from a diverse range of sources, WP2 helps create a comprehensive resource to aid in the analysis and prediction of cardiovascular health in obese patients.

### **WP3 – Explainable AI models for prediction**

WP3 aims to develop an AI-POD risk score to predict individual risk of adverse cardiac events in obese people. This work involves creating two versions of the risk score; the first (AI-POD-1) employs features identified from previous research, while the second (AI-POD-2) includes additional variables identified algorithmically.

A significant portion of WP3 involves the extraction of features from imaging data and development of machine learning methods to quantify aspects of heart health, such as plaque composition, pericardial fat, and myocardial mapping. In addition to imaging data, non-imaging data, including laboratory results and lifestyle parameters from the Citizen App, will be harnessed and harmonized across different sites to support risk calculation.





Furthermore, WP3 focuses on creating integrative scoring models that map both imaging and non-imaging features to an individual risk score. It also looks into continually adapting these models to align with changes in real-world clinical environments, ensuring that the AI-POD scoring algorithm stays robust amidst advancements in imaging technology or changes in patient populations and clinical pathways. Ultimately, the risk scoring engine produced by WP3 will serve as a cornerstone for the development of the CDSS and the Citizen App.

#### **WP4 – Integrative clinical decision support system and citizen app**

WP4 aims to develop and validate an AI-assisted Clinical Decision Support System (CDSS) and a complementary Citizen App for assessing and predicting the risk of cardiovascular diseases in obese individuals. The CDSS incorporates a variety of data, including medical histories, laboratory parameters, lifestyle data, and demographic information, to create accurate, personalized risk predictions. The system will utilize a combination of machine learning and rule-based approaches, forming a white-box model, to derive diagnostic suggestions.

A significant component of WP4 is the creation of a Citizen App, which will connect patients to their health data and the AI-POD risk score. The app will be designed under Design Thinking methodologies, making it user-friendly and adaptable. The app will allow patients to better understand their risk factors, as well as help physicians make informed clinical decisions.

In addition, WP4 aims to design a dashboard to summarize all relevant data for integrated diagnostics in clinics, aiding healthcare professionals in making well-informed decisions. Strict compliance with GDPR will be ensured during the entire process. Moreover, a patient monitoring feature will be developed to alert physicians of changes in a patient's health condition that exceeds defined thresholds.

#### **WP5 – Ethical aspects and challenges of AI based clinical tools**

WP5 in this project focuses on the ethical aspects and challenges of AI-based clinical tools. With an emphasis on Responsible Research and Innovation (RRI), WP5 seeks to ensure transparency and inclusivity in the development and deployment of AI innovations in healthcare, specifically relating to the prediction of obesity-related vascular diseases. The package will assess and analyse current ethical frameworks and governance models, taking into account issues like informed consent, data protection, and equity of access.

WP5 will also involve engagement with various stakeholders such as physicians, AI developers, patients and public health officials to gauge their views on using AI for predicting obesity-related diseases. This input will inform the ethical alignment of AI technology with societal needs and expectations.

Furthermore, WP5 aims to evaluate the patient experience of obese individuals using the mobile Citizen App, investigating factors such as acceptability, motivation, and user satisfaction. These assessments will help refine the app to ensure it effectively meets the needs of the user population in a respectful and ethical manner.

#### **WP6 – Proof of concept study**

WP6 is aimed at validating the AI-POD tools which include a risk score, a Clinical Decision Support System (CDSS), and a Citizen App. This validation will be conducted in a real-world, multi-disciplinary setting involving multiple clinical stakeholders.

To achieve this, WP6 plans to conduct a prospective observational study involving 1200 obese patients who are suspected to have Cardiovascular Disease (CVD). The participants will undergo two cardiac CT scans, one at the beginning and one after two years, along with regular tracking of various clinical and laboratory parameters.







Half of the participants will be randomly selected to use the Citizen App and receive a separate fitness tracker device. The patients' progress and responses to these AI-POD tools will be monitored and compared with the standard risk assessment methods for CVD.

The aim is to evaluate the efficacy of these AI-based tools in predicting and managing CVD among obese patients. The results will guide refinements to the AI-POD tools and inform future development in AI-aided healthcare solutions.

#### **WP7 – Dissemination, end user involvement and exploitation**

WP7 of the AI-POD project, led by EIBIR, encompasses three primary goals: dissemination, end user involvement, and exploitation. This package aims to make the research outputs of AI-POD widely known and used among relevant target groups and ensure the long-term viability of the product.

Dissemination efforts will involve various outreach activities, the creation of a communication kit, and a strategy for communicating project information effectively. AI-POD's identity will be developed and conveyed through a new website, social media, print materials, and two promotional videos.

In terms of end-user involvement, a Stakeholder Board comprising clinicians, patients, AI developers, and decision makers will provide feedback throughout the project. There will also be workshops, tutorials, and a survey to gather user feedback and adapt the software accordingly.

The exploitation and sustainability part of the package is focused on ensuring the continued use and development of the AI-POD research, system, and app after the project concludes. A strategic plan will be set in place to leverage project results for future research activities, policy-making, and potential commercialization. Information about IP developments, patenting, licensing, and more will be collected and evaluated for future applications.

#### **WP8 – Project coordination and management**

WP8 of the AI-POD project, led by UKB, is dedicated to project coordination and management. It aims to handle all administrative, scientific, and financial aspects of the project over the span of 48 months.

The project coordination and management aspects involve overseeing the progress and achievements of the project, managing resources, and monitoring activities. A consortium of bodies will facilitate effective communication, decision making, and coordination of scientific and technological activities.

An essential part of WP8 is data management, ensuring data from the project aligns with the principles of open science and FAIR data. A Data Management Plan will be drafted and updated continuously throughout the project, detailing what data will be shared and what will remain confidential due to GDPR or IPR concerns.

Another key aspect is the management of the External Advisory Board (EAB), which consists of international experts who offer independent assessment and advice on the project's scientific, technical, or ethical aspects. The EAB will also act as multipliers for the project's dissemination activities and provide progress reports, recommending any necessary corrective actions.

## **6. BRANDING GUIDELINES**

The AI-POD project's visual identity plays a crucial role in maintaining a consistent and professional image across all communication materials. To ensure that all project partners adhere to the same design principles, a set of branding guidelines has been developed. These guidelines cover various aspects of the project's visual identity, including logo usage, typography, color palette, and other design elements. By following the branding







guidelines, partners can ensure that all AI-POD project-related materials are easily recognisable and convey a unified message.

## LOGO USAGE

A professional, custom-made logo was prepared for the AI-POD project. It is an essential component of the project's visual identity.

This section outlines the proper use of the logo, including placement, sizing, and any restrictions on altering its design. By adhering to these guidelines, partners can ensure that the logo is used consistently across all communication materials.

## COLORS

The AI-POD logo is available in three colourways:

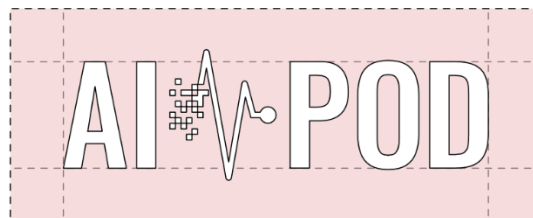
- Full colour
- Monochrome White
- Monochrome Black



The full colour logo is to be used whenever possible and legible.

The monochrome coloured logos can be used if the colour palette must be limited, or for legibility reasons. The monochrome black logo can be used on light backgrounds. The monochrome white logo can be used on dark background.

Whenever the logo is used, it should be surrounded with clear space to ensure its visibility and impact. No graphic elements of any kind should invade this zone.



The minimum whitespace surrounding the logo should be 50% of the logo's vertical height of the typography, at all sides.





## TYPOGRAPHY

Typography plays a significant role in maintaining a consistent visual identity for the AI-POD project. This section provides details on the typefaces, font sizes, and font styles that should be used in project materials, as well as any recommended usage for headings, subheadings, and body text.

For web use, usage of the Oswald typeface is recommended for headlines. Fully capitalised for primary headlines, with an increased weight of the font. For secondary headline, an increased weight. For general text, the font Roboto is recommended.





Font sizes should be selected for optimal legibility and not condensed.

Increased font weights should be used for emphasis, together with a colour emphasis.

## COLOR PALETTE

The AI-POD project's colour palette consists of a set of primary and secondary colors that have been carefully chosen to represent the project's values and goals. This section outlines the specific colour codes (HEX, RGB and CMYK) for each colour in the palette and provides guidelines on how to apply these colors to various communication materials.

In the table below four colours are features, as well as their usage.

Color	Eminence Purple	UA Red	Blue-Violet	Emerald
Swatch				
HEX	#662181	#D40050	#551A6C	#61CE70
RGB	102, 33, 129	212, 0, 80	85, 26, 108	97, 206, 112
CMYK	21, 74, 0, 49	0, 100, 62, 17	21, 76, 0, 58	53, 0, 46, 19
Gradient	0%	100%	-	-
Comment	Primary logo color	Secondary logo color	Text color	Contrast color

The primary color is Eminence Purple. This is to be used for the main headlines for instance. As a secondary color, UA Red provides some contrast. The logo features as 0-100% gradient of Eminence Purple to UA Red.

Blue-Violet is the primary colour for text.

As a high-contrast color Emerald can be used, although this should only be used when absolutely necessary.

## 7. POWERPOINT TEMPLATE FOR PRESENTATIONS

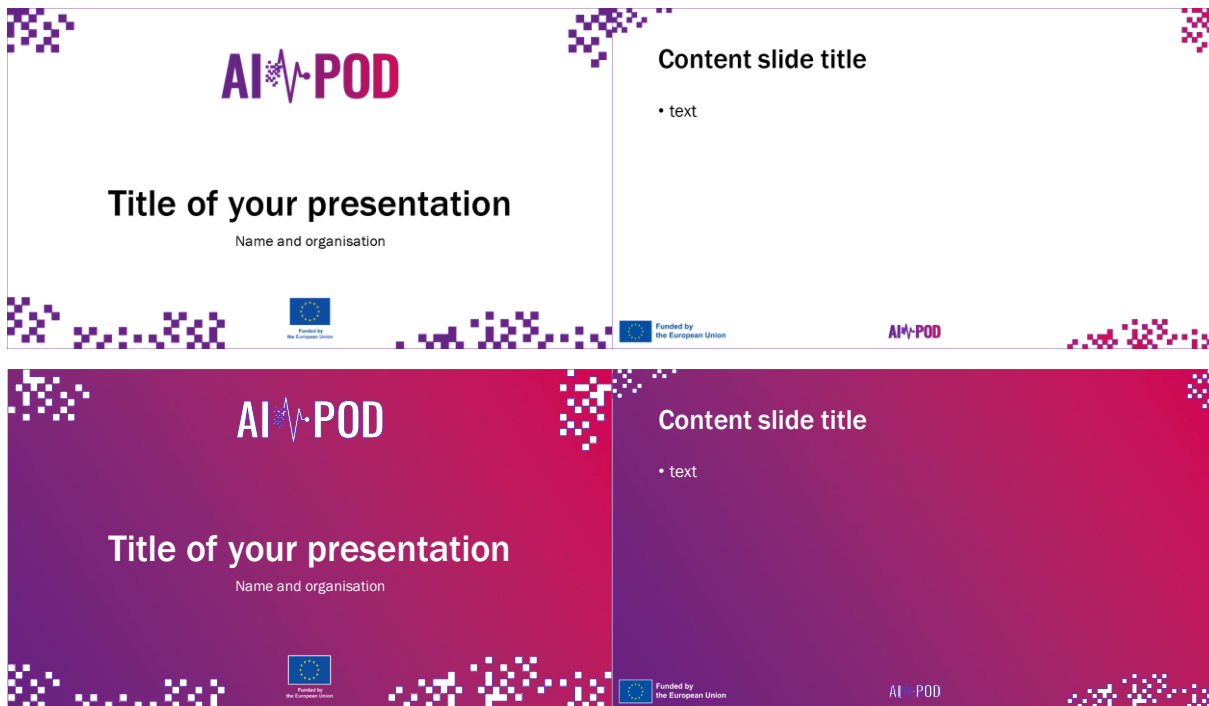
To ensure consistency in presentations related to the AI-POD project, a PowerPoint template has been developed for use by all project partners. This template includes pre-designed slide layouts, typography, and colour schemes that adhere to the project's branding guidelines. By using the PowerPoint template, partners can create professional and visually cohesive presentations that align with the AI-POD project's visual identity.

It features two designs. The primary layout uses white as its main design element. A secondary layout uses purple as its main design element. The gradient is different from the primary design, so the secondary layout





can be used for emphasis or as a visual break. The PowerPoint template is available to the consortium on its collaborative platform and document archive Teamwork.



## RESUSABLE SLIDES FOR PROJECT INTRODUCTION

In addition to the PowerPoint template, a set of pre-made slides has been created to serve as a starting point for project partners when introducing the AI-POD project. These slides cover essential information about the project, such as its objectives, work packages, and overall structure. Partners can use and adapt these pre-made slides as needed, ensuring that presentations maintain a consistent message and visual style.

The presentation is provided in the annex of the present document.

## 8. SOCIAL MEDIA GUIDELINES AND TEMPLATES

To facilitate effective communication and to promote the AI-POD project on social media, a set of guidelines and templates have been prepared for project partners. The social media guidelines outline best practices for partners when sharing AI-POD project-related content on their institutional accounts. These guidelines aim to ensure a consistent message and cover aspects such as tone, language, and the use of visuals, ensuring that all social media posts align with the project's overall communication strategy and visual identity.

### HASHTAGS

The main hashtag that should be included in all AI-POD project-related social media posts is #aipod. By using this hashtag, partners can contribute to the online conversation surrounding the project and increase its visibility.

### INSTITUTIONAL ACCOUNTS

Partners are encouraged to use their institutional social media accounts to share updates about the AI-POD project. This approach takes advantage of the established audiences and reach of these accounts, ensuring that the project's messages reach a wide audience.





However, in addition, a dedicated AI-POD twitter account has been established: @aipod\_EU. This should be linked by project partners when posting on their institutional accounts.

## PRE-WRITTEN POSTS

To streamline the process of creating social media content, we have provided a set of templates for various platforms, including Twitter, Facebook, and LinkedIn. These templates include suggested post formats, imagery, and key messaging points that partners can customise to suit their specific needs and audiences.

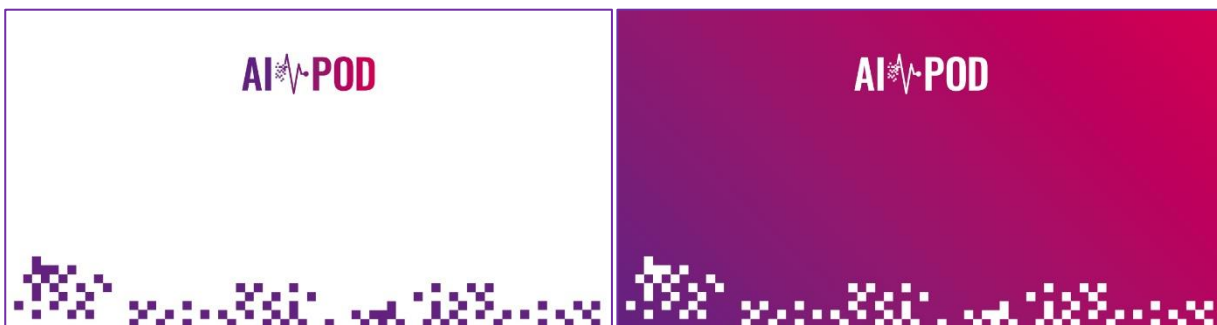
These social media templates are also available to the consortium on its collaborative platform and file archive Teamwork.

Some templates are provided exemplarily below.

LinkedIn banner:



LinkedIn posts:

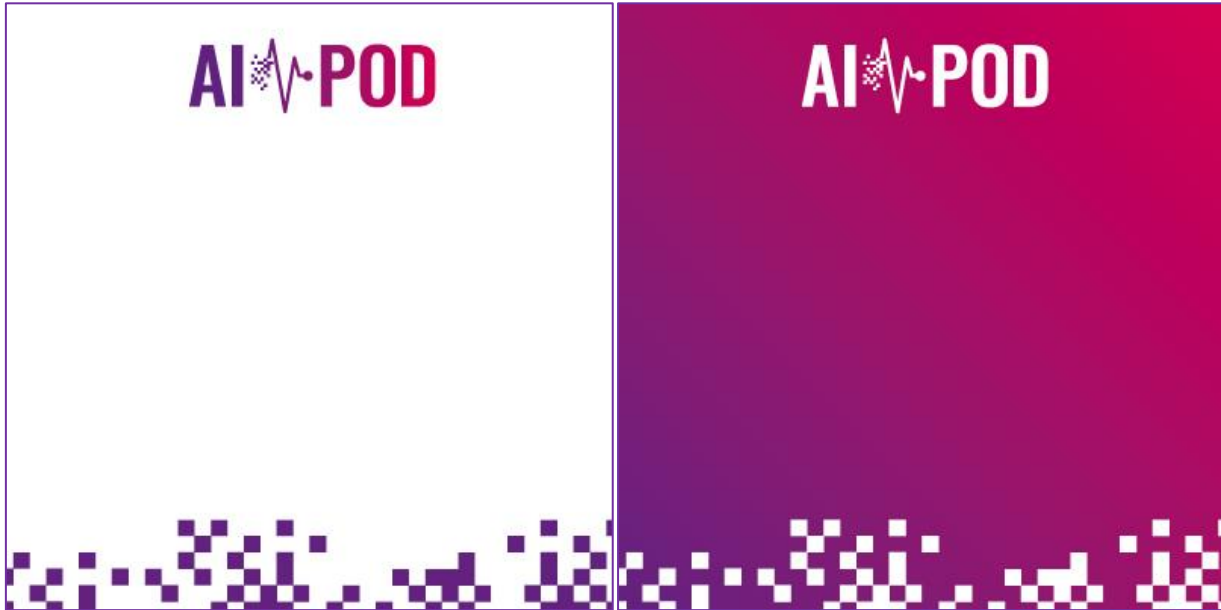


Twitter banner:





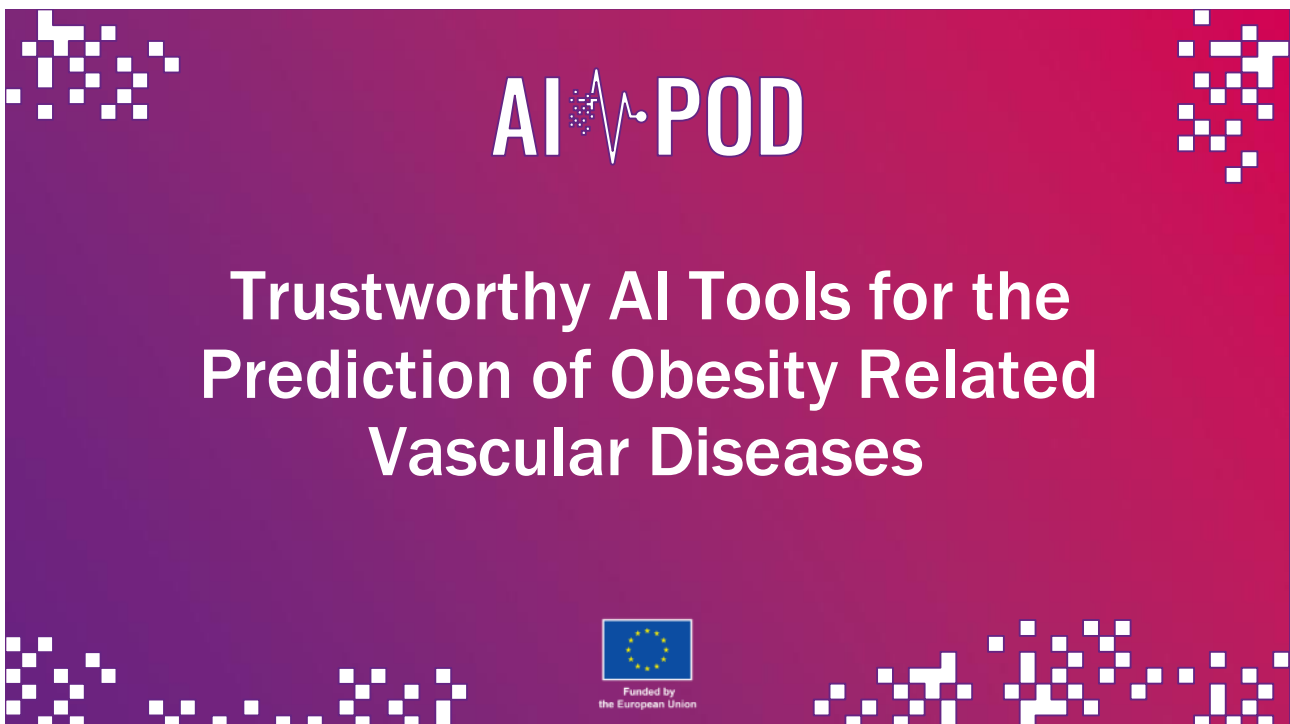
Twitter posts:

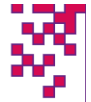


## 9. OTHER TEMPLATES

Additionally, uniform word templates were prepared for AI-POD reports, such as deliverables and milestones, and formal letters. They are available for all project partners on the collaborative platform and file archive Teamwork.

## ANNEX





## Harnessing the Power of AI to Combat Obesity-Related Cardiovascular Disease Trustworthy Tools to Predict Cardiovascular Disease

AI-POD is a transformative initiative set out to **revolutionise obesity-related disease prediction for cardiovascular disease**.

By developing a novel, trustworthy AI-based risk score, and tools for clinical decision support, AI-POD aims to empower clinicians and patients alike, shaping treatment strategies, and driving the evidence-based healthcare innovation.



## Key facts

- Start date: 1 May 2023
- End date: 30 April 2027
- Funding: € 5 298 740.00
- Consortium 11 partners from 8 countries
- Coordinator Universitätsklinikum Bonn (UKB)
- The AI-POD project receives funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101080302.



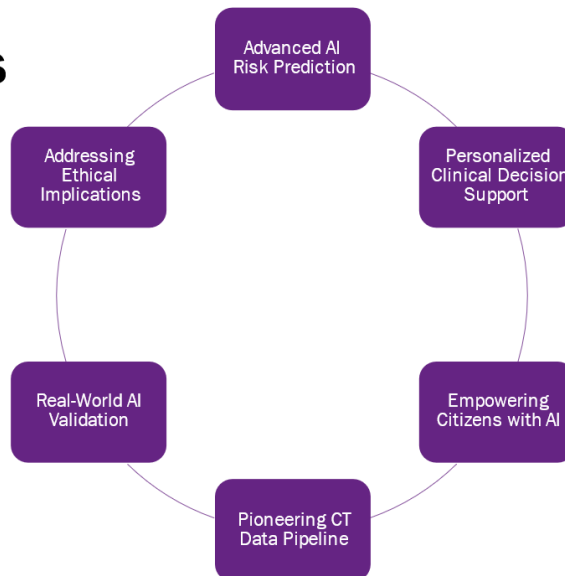


## Consortium

- Universitaetsklinikum Bonn, DE
- EIBIR Gemeinnuetzige Gmbh zur Foerderung der Erforschung der biomedizinischen Bildgebung, AT
- Medizinische Universitaet Wien, AT
- Collective Minds Radiology AB, SE
- Univerzita Karlova, CZ
- Ruprecht-Karls-Universitaet Heidelberg, DE
- Katholieke Universiteit Leuven, BE
- Medicalvalues Gmbh, DE
- Brightfish BB, NL
- Universitaet Zuerich, CH
- Imperial College Of Science Technology And Medicine, UK



## Objectives



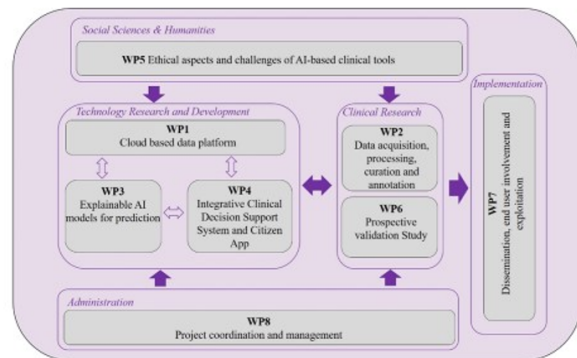




## Work packages

AI-POD is a cutting-edge project aimed at improving cardiovascular health in obese individuals through advanced AI research.

Our mission is divided into **eight key work packages**, each bringing together cutting-edge technology, advanced healthcare research, and ethical guidelines to shape the future of AI in healthcare.





## WP1 – Building a cloud-based data platform for advanced healthcare research



- We are building a **high-powered, cloud-based data platform** for managing and processing large volumes of healthcare data.
- The platform will **harmonize and streamline data** across diverse clinical partners and integrate into existing clinical information systems.



## WP2 – Data acquisition, processing, curation and annotation



- We **collect and process critical data**, particularly cardiac CT examinations.
- Our **innovative photon-counting CT protocol** will help us capture high-resolution images with minimal radiation exposure.
- With the help of advanced software, we **extract vital features** and **meticulously curate and annotate the data**.





## WP3 – Explainable AI models for prediction

- Our focus is on **creating explainable AI models** for predicting individual risk of adverse cardiac events.
- The **AI-POD risk score** is born from rigorous research and feature extraction from both imaging and non -imaging data.
- This scoring system forms a cornerstone of the project, mapping to the **development of the Clinical Decision Support System (CDSS)** and the **Citizen App**.

## WP4 – Integrative clinical decision support system and citizen app

- Here, we **develop an AI-assisted CDSS and a Citizen App** to provide accurate, personalized risk predictions.
- Users will **gain insight** into their risk factors, while healthcare professionals will use the dashboard to **make well-informed decisions**.



## WP5 – Ethical aspects and challenges of AI based clinical tools



- We address the **ethical aspects and challenges of using AI** in clinical tools.
- We are actively **engaging with stakeholders** , ensuring transparency, inclusivity, and ethical alignment.
- We are particularly interested in the **patient experience** and will be continually refining our tools to meet their needs.



## WP6 – Proof of concept study



- We put our AI-POD tools to the **test in a real-world setting**.
- We are conducting an **observational study** with 1200 obese patients suspected of having cardiovascular disease, comparing our tools to standard risk assessment methods.





## WP7 – Dissemination, end user involvement and exploitation

- We focus on **spreading the word about AI -POD**, involving end users, and planning for the project's long -term viability.
- We **share our research outputs** and ensuring that the AI -POD system continues to develop and make an impact.

## WP8 – Project coordination and management

- We oversee the entire **project's management**, ensuring its smooth operation, maintaining communication among consortium members, and adhering to principles of open science and data management.



## Impacts

to revolutionize obesity and CVD management

to provide accurate CVD risk prediction for enhanced health management

to facilitate efficient follow-up and intervention for high-risk individuals

to reduce healthcare costs



## Contact information



Website: [www.ai-pod.eu](http://www.ai-pod.eu)



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