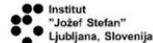




PLATFORM TOOLS TUTORIAL

TOOL FOR PLATFORM PROVIDERS V01



This project has received funding from the European Union's Horizon 2020 Research and Innovation Action under Grant Agreement No 875452.



INDEX

1 TUTORIAL INTRODUCTION: WHAT, WHO, WHEN, HOW, WHERE, WHY...

2 OPEN PLATFORMS IN THE CONTEXT OF PLATFORMUPTAKE.EU

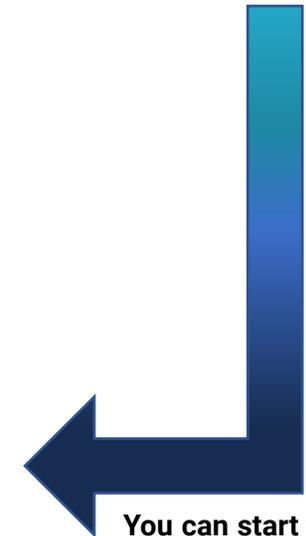
- Definition
- Principles
- Stakeholder groups and ecosystem
- Benefits and advantages of using open platforms
- Responding to their needs
- Domains of application, from a primary end-user perspective
- Use cases

3 OPEN INFORMATION HUB

- Introduction and features
- Registration and login
- Navigation to the tool for platform providers

4 TOOL FOR PLATFORM PROVIDERS

- Introduction to tool users, roles and functionalities
- Usage scenarios and steps
 - Platform monitoring
 - Platforms comparison
 - Platform in-depth information
 - Platform data management



You can start with section 4, if you wish to skip the first 3 introductory sections!



1

2

3

4



1 TUTORIAL INTRODUCTION: WHAT, WHO, WHEN, HOW, WHERE, WHY...

Tutorial introduction

1

2

3

4



What

This tutorial is a means of demonstrating and explaining the functionalities of the *tool for platform providers* developed within the PlatformUptake.eu project and accessible via the PlatformUptake.eu Open Information Hub.

It further provides additional information regarding open platforms in the context of PlatformUptake.eu and about the Open Information Hub.



Why

The tutorial allows for users to quickly get acquainted with the tool and, based on feedback from other users, reflect on the current state of their platforms' development. It also helps them identify the evolutionary potential of their platforms and make them more competitive.



Who

The tutorial can be used by anyone who wishes to obtain more information about the capabilities of the tool.

The main end-users of the tool are *platform providers*. Additionally, the tool can be used by *regular users* and *administrators*. The tutorial covers the functionalities of the tool for all of these user roles.

Tutorial introduction

1

2

3

4



When

The tutorial can be consulted before using the tool to obtain more information about its capabilities and learn how to use it or while using the tool to refresh knowledge about the tool or find out how to perform a particular functionality.



Where

The tutorial is accessible on the same page of the PlatformUptake.eu Open Information Hub where the overview of the tool and the link to start using it can be found. The tutorial can further be found on the top right side of every tool screen while using the tool via the Open Information Hub.



How

Users are able to easily consult it at any time, as the tutorial is provided in PDF format, so that it can be either viewed online or downloaded and printed.



1

2

3

4

2 OPEN PLATFORMS IN THE CONTEXT OF PLATFORMUPTAKE.EU

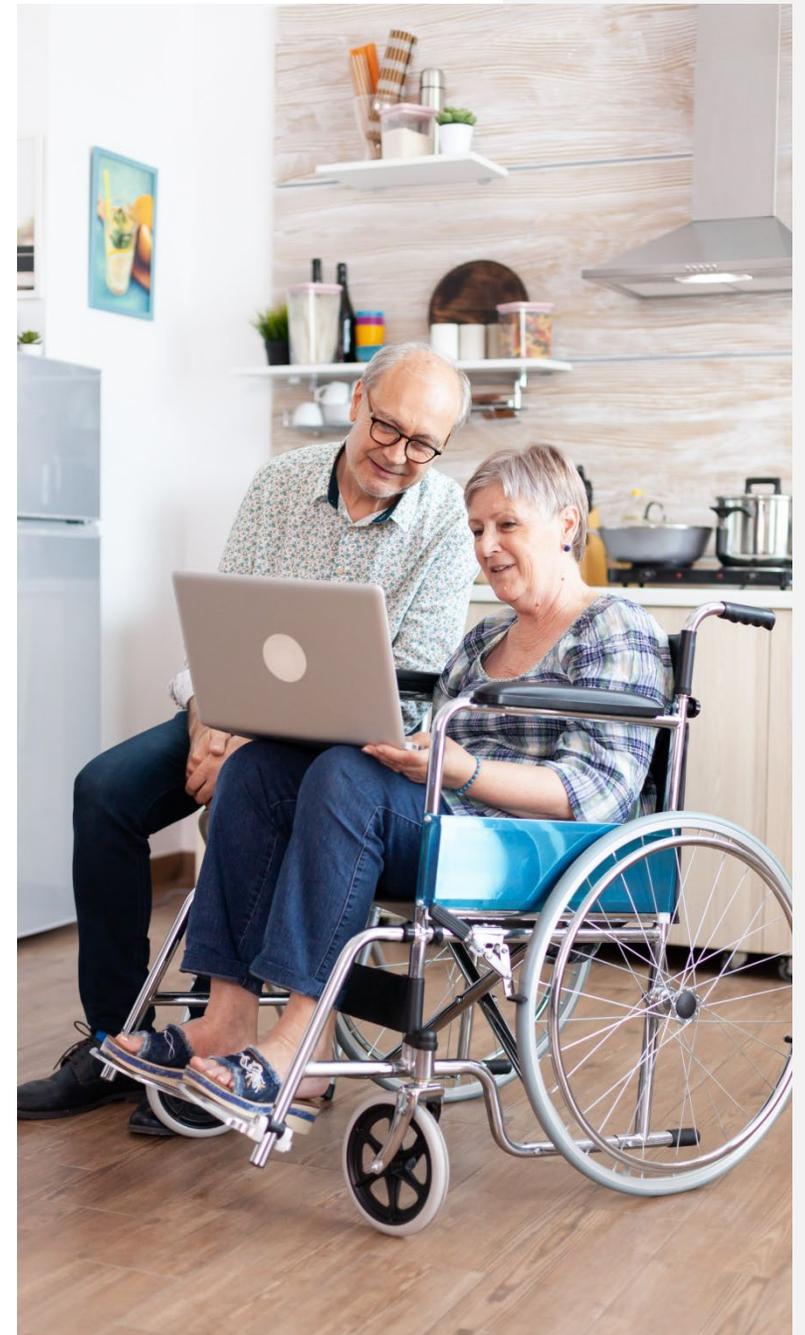
- Definition
- Principles
- Stakeholder groups and ecosystem
- Understanding their needs
- Benefits and advantages of using open platforms
- Domains of application, from a primary end-user perspective
- Use cases

Open platform in the AHA domain | Definition

Based on the collected insights from the development and deployment of representative cases in the field and their contribution for the creation of open market for digital solutions for AHA, and specifically also working with definitions provided by the [Apperta Foundation](#) and [universAAL IoT](#), the project consortium defines an open platform for the AHA domain as follows:

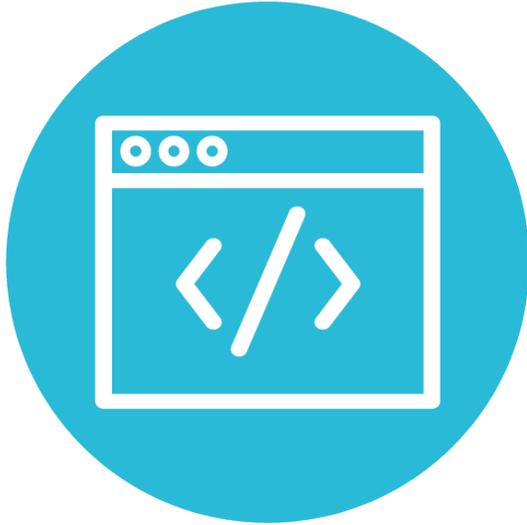
An open platform is a software system that allows the many-to-many substitutability between applications, services and devices from multiple vendors via common APIs for the benefit of an individual user whatever her/his role is (older person, carer, social worker, care worker, governmental representative, technology developer etc.).

It is an open digital ecosystem that connects the individual users to health or social care provisions, to lifestyle and prevention applications and home technology to support their independent living, healthy lifestyles and participation in society.



Open platforms | Principles to follow

An open platform adheres to the following principles in order to meet the need of all stakeholders



Open source

Open Source refers to the availability of the source code of a piece of software in a given programming language with a license in which the copyright holders provide the rights to study, change, and distribute the software to anyone and for any purpose. An open platform does not necessarily mean it is open source.



Open standards based

The implementation should be based on agile open standards. Any willing party should be able to use these standards without charge to build an independent, compliant instance of the complete platform.



Federatable

It should be possible to connect any implementation of the open platform to all others that were independently developed, in a federated structure, to allow the sharing of appropriate information and workflows between them.

1

2

3

4

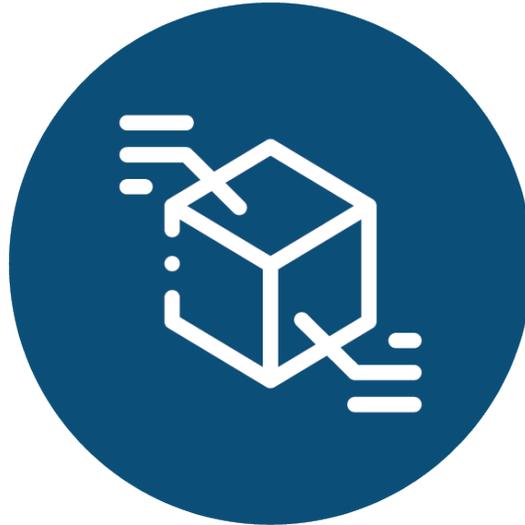
Open platforms | Principles to follow

An open platform adheres to the following principles in order to meet the need of all stakeholders



Shared common information models

There should be a set of common information models in use by all instances of the open platform, independent of any given technical implementation. An example is the Common Information Model (CIM) which was developed by DMTF as a computer industry standard to enable systems administrators and managers to control devices and applications across different vendors. In this way, products can be controlled based on the same kind of information (e.g., device name, model, serial number, network location, capacity, etc.).



Vendor and technology neutral

The standards should not depend on particular technologies or require components from particular vendors. Anyone building an implementation of the open platform may elect to use any available technology and may choose to include or exclude proprietary components.



Supports open data

Data should be exposed as needed (subject to good information governance practice) in an open, shareable, computable format in near to real-time. Implementors may choose to use this format natively in their persistence (storage) layer of the open platform itself or meet this requirement by using mappings and transformations from some other open or proprietary format.



1

2

3

4

Open platforms | Principles to follow

An open platform adheres to the following principles in order to meet the need of all stakeholders



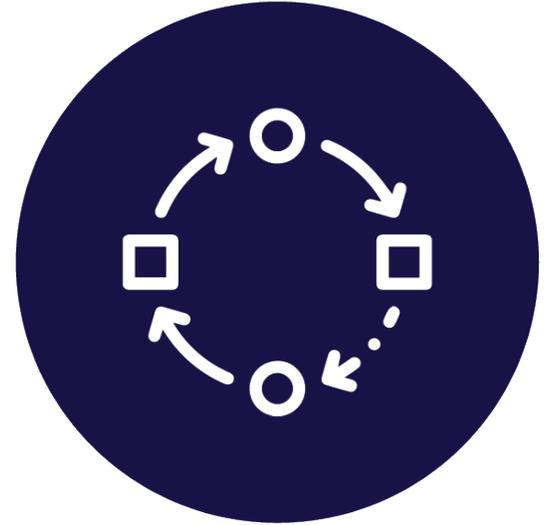
Provides open APIs

The full specification of the APIs (the means by which applications are connected to the platform) should be freely available.



Open usage (adoptability)

Adoptability refers to enabling others to use the open platform while bypassing specific business development negotiations. This does not necessarily mean that the usage has to be royalty-free; it is rather about published, clear, and generally applicable (non-discriminatory) terms and conditions, usually known as the license.



Open adaptation

Assuming that the specifications are publicly available, adaptability of an open platform refers to the possibility of changing existing functionality of the platform itself as opposed to adding new functionality.

1

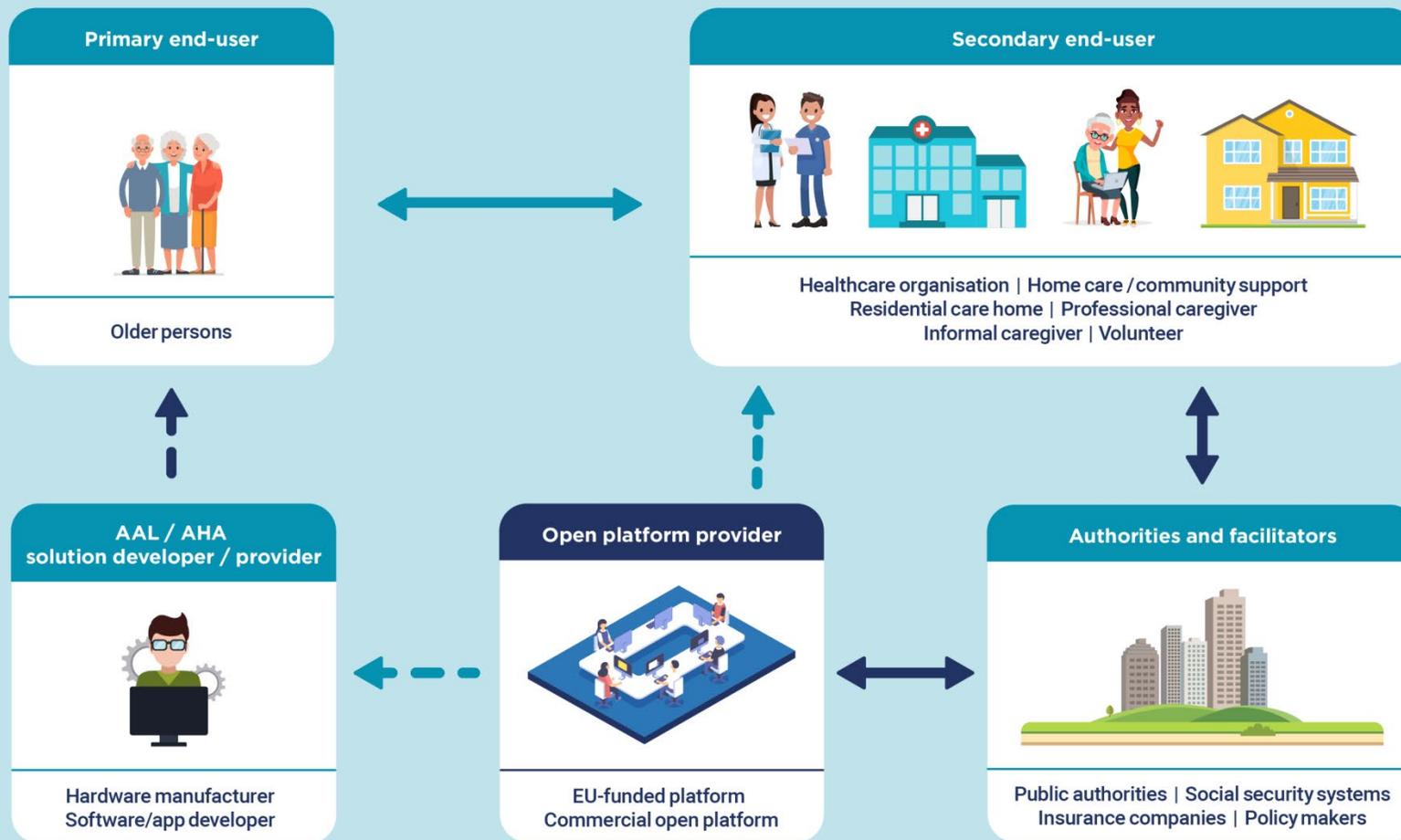
2

3

4

PlatformUptake.eu stakeholder groups and ecosystem

An indicative overview of the interactions between the different stakeholder groups



Planning / enrolling / organisational relationship



Provide applications or service framework to



Provide applications (built with service framework) to



Active relationship related to the final use and success of the platform

Benefits and advantages of using open platforms

How do Primary end-users benefit?

1



“I can choose a digital solution which fits my personal needs and requirements best.”



“All solutions that can be found in the market place of the platform are affordable as well as easy to download and install on my smartphone.”

2



“Due to increased competition among the developers of AHA/AAL solutions and bigger collaboration among the stakeholders, I enjoy great user experience and constant update of the service.”



“The application which I downloaded in the market place of the platform helps me to remain active and connected to my community.”

3



“All applications, available through platforms, I use comply with EU standards and regulations. This makes me trust the solution developers with my personal data.”



“In the market place of the platform I can choose a solution which best matches my level of digital literacy. This helps me improve my digital skills and achieve better quality of life.”

4

Benefits and advantages of using open platforms

How do Secondary end-users benefit?

1



“With an open platform I have one single point of contact for all my inquiries.”



“With this open platform I have the flexibility to extend and co-create the care centre's services.”

2



“With one open platform the subscription fees and maintenance costs are much lower and transparent. This makes it easier for me as the manager of a care organisation to plan future extension of its facilities and technical infrastructure.”



“With an open platform I have a big competitive advantage towards other care organisations.”

3



“Due to the interoperability of the open platform I can incorporate, at any time and with low costs, new applications and devices. As a consequence the residents of my care centre enjoy best quality of life.”



“The provider of the open platform gives good technical support and helps me build up an understanding of related technical matters.”

4



Benefits and advantages of using open platforms

How do Authorities and facilitators benefit?

1

2

3

4



“The open platform which is used in our municipality by care organisations and developers of technology for active and healthy ageing complies with all relevant EU regulations and standards. It also facilitates their wider implementation and quality assurance.”



“The open platform, which is applied in our federal state, helps us keep the health care costs low and improve our investment strategies”



“The open platform, which is used in our municipality, creates a market for accessible and affordable digital solutions. This helps the Primary end users in our municipality to enjoy better quality of life, for example by easily booking an appointment with their care giver or simply being in touch with their relatives and friends.”

Benefits and advantages of using open platforms

How do AAL / AHA solution developers / providers benefit?

1

2

3

4



“Based on the interoperability of the open platform with other systems and solutions we can expand our market position internationally and build new revenue streams.”



“Based on the platform’s market place we have a better overview of the competition. This helps us improve the quality of our solutions, make them more competitive and reach wider users’ community.”



“The open platform allows us to integrate and develop our solutions with low costs.”



“The open platform helps us remain up-to-date with regulations and communication standards on EU level and build trust among our end users.”

Responding to the needs of the different stakeholder groups

Why do the different types of stakeholders want to use open platforms?

1

2

3

4



Primary End-Users

Primary end-users, such as older adults, mainly use the different functionalities of open platforms, such as social media, health and lifestyle apps, alarm and falls prevention. Their experiences and concerns are more related to user-friendliness, costs and attractiveness and not to the underlying platforms themselves.



Secondary End-Users

Secondary end-users, such as healthcare and social care organisations, professional caregivers, informal caregivers and volunteers, seek for integrated solutions that support and facilitate their service provision to their clients and patients (Primary end-users). They aim to provide these services in an efficient and affordable way. An open platform can enable solutions and applications from multiple vendors to be integrated and orchestrated to work together to best meet their organisations' objectives and better facilitate the work of caregivers.

Responding to the needs of the different stakeholder groups

Why do the different types of stakeholders want to use open platforms?

1

2

3

4



Authorities and facilitators

Authorities and facilitators offer the necessary regulation and budgetary means to enable the best service provision to the highest possible number of primary end-users through the secondary end-users. Open Platforms can support the authorities and facilitators with solutions that make this possible in a cost-efficient way.



AAL / AHA solution developers / providers

They want to focus on developing various hardware solutions (like various types of sensors and/or gateways), or software/app solutions (by making use of readily available resources and services offered by/via open platforms) that are easy to integrate in an existing Open Platform, to have access to a broader (international) market.

Responding to the needs of the different stakeholder groups

How does PlatformUptake.eu support them?

1

2

3

4



PlatformUptake.eu helps all stakeholder groups:

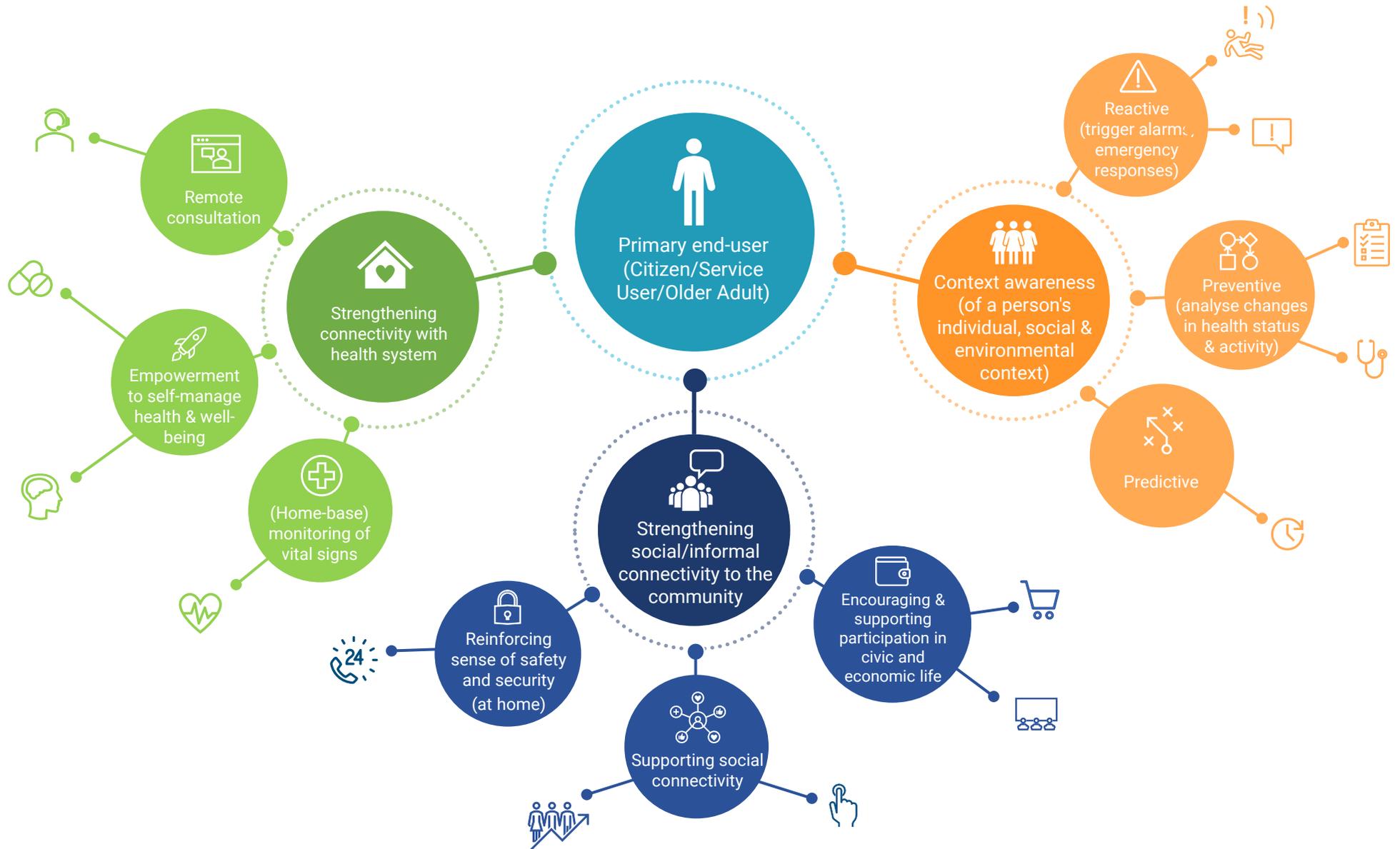
- identify existing Open Platforms and solutions;
- compare and select the most relevant for them;
- provide feedback on their usage experience.



By offering in the Open Information Hub:

- defined methodology for Open Platforms evaluation and comparison;
- collected information and knowledge-base of existing Open Platforms and solutions;
- implemented tools.

Domains of application, from a primary end-user perspective



1

2

3

4

Use cases

1

2

3

4



1

Reinforcing sense of safety and security



3

Digitization and modernization of care sector



2

Enhancing efficiency and cost effectiveness of person-centered care provision for older people



4

Upscale of person-centered digital solutions and services for older people



Use case 1: Reinforcing sense of safety and security

Description

1

2

3

4



Maria

(Primary end-user)

Maria is a 66-year-old female. Maria lives alone and would like to remain independent in her daily activities. She particularly enjoys reading and relaxing in her big comfy couch. Maria unfortunately has a severe sleeping disorder and wakes up often in the night. To fill in the late hours and to fall asleep again, Maria reads. Because of her sleeping disorder Maria started to experience hypertension and heart problems.



Tomas

(Secondary end-user)

Luckily, her son Tomas works in a residential care home which uses the services of an open platform. The platform allows, among other things, the centralized management of the lightening system in the care facility as well as the collection and analysis of vital data from the residents. Tomas decided to help his mom by more closely monitoring the sleeping disorder to prevent further deterioration. Tomas installs movement sensors, a sensor detecting the sleeping characteristics, as well as a sensor to detect vital signs while his mom sleeps. The collected data on his mom's sleeping habits are sent to an open platform for further analysis and processing. Her physician Dr. Pfeiffer uses the possibility to review the sleeping pattern and vital signs data in preparation for their next consultation. Thus, he helps Maria prevent deterioration of her physical and mental health. In addition, the platform also turns off the lights, when Maria falls asleep.

Use case 1: Reinforcing sense of safety and security

Primary end-user

Secondary end-user

AAL/AHA solution
developer/provider

Authorities & facilitators



Maria



Tomas



Antonio



Laura

Use case

Use case



Server/PC with open platform

Benefits

Benefits

- Availability of 24/7 remote (virtual) contact with care personnel
- Feeling of more security and less isolation
- Mental reassurance
- Increased independence in daily life

- Constant observation of patient's health status
- Increased efficiency through remote (virtual) appointments
- Reduced costs through digitization and automatization of processes
- Analysis and prediction of health behaviour

Use case 2: Enhancing efficiency and cost effectiveness of person-centered care provision for older people

Description



Tomas

(Secondary end-user)

The residential care home in which Tomas works provides care to older persons with physical disabilities and dementia. The facility offers services 24/7 to ensure the provision of immediate care to the residents and to respond quickly with the appropriate measures in emergency cases. As a consequence, the management of the care organization assigns Tomas the task to find a new technological solution, which will reduce the workload of the care personnel. They are looking for a solution which offers monitoring and takes over basic tasks such as controlling the heating and lightning, as well as quickly detecting emergency situations. Additionally, the solution should be interoperable with the open platform currently used by the residential care home, which will ensure its centralized management.



Antonio

(AAL/AHA solution developer/provider)

Antonio is the CEO and co-founder of a family-owned company which develops advanced information and communication solutions for hospitals, nursing homes, and other healthcare organizations. Antonio met Tomas at a local trade fair, where Tomas shared his problem. As a result, Antonio proposed his smart care solution, which monitors when the care receivers are going to stand up and alarms the care personnel - preventing falls, detecting emergency situations such as falls, and controls the lightening and heating system in the care facility. Tomas is even more persuaded that this solution is helpful not only by improving the care through preventive and quick measures, but because the technology can also be integrated into the open platform.

Use case 2: Enhancing person-centered care provision for older people

Primary end-user

Secondary end-user

AAL/AHA solution
developer/provider

Authorities & facilitators



Maria



Tomas



Antonio



Laura

Use case

Use case



Server/PC with open platform



Benefits

Benefits

- Centralization and automation of processes
- Cost efficiency
- Access to analysis of vital data and prediction of health behaviour
- Higher quality of care provision for older people

- Increased end-users base
- New market niche
- Additional revenue stream
- New scope for innovation and product development

1

2

3

4



Use case 3: Digitization and modernization of the care sector

Description

1

2

3

4



Antonio
*(AAL/AHA solution
developer/provider)*

Laura works in the administration of the local municipality and is responsible for the implementation of the national strategy for digitalization of the care sector. According to the results of a recent study on the quality of care provided in residential care homes, such as the one in which Tomas works, more than one in five organizations received deficiencies for quality violations. Laura is convinced that by using digital technologies she can help local healthcare and care organizations solve their problems. Through a call for tenders, she purchased the smart care solution of Antonio. Important selection criterion was the interoperability of his solution with software systems, such as open platforms, which are used by the local care organisations.



Laura
*(Authorities and
facilitators)*

The solution was then applied in all care organizations in the municipality. This makes the provision of care to older people more efficient and thus cost effective as well as improving communication between the members of the care personnel, reducing the amount of tasks and reducing the time needed to respond to emergency situations.

Use case 3: Digitization and modernization of the care sector

Primary end-user

Secondary end-user

AAL/AHA solution
developer/provider

Authorities & facilitators



Maria



Tomas



Antonio



Laura

Use case

Use case



Server/PC with open platform

Benefits

Benefits

- New market niche
- Funding opportunity for innovation and product development
- Input from the market regarding requirements and needs for digital technology
- Competition check

- Improved care provision to older people
- Overview and analysis of possible deficiencies in the care sector
- Better allocation of resources
- Increased competition among providers of digital technology for older people



1

2

3

4

Use case 4: Upscale of person-centered digital solutions and services for older people

Description

1

2

3

4



Antonio
(AAL/AHA solution
developer/provider)

Antonio (AAL / AHA solution developer / provider) is the CEO and co-founder of a company which develops advanced digital solutions for hospitals, nursing homes, and other healthcare organizations. Through a call for tender, organized by the local municipality, which Antonio won, he installed his smart care solution in all local care facilities. Hence, Antonio managed to increase his customer base and is a well-known market player in the region. Moreover, by connecting his smart home solution to the open platform, which is used by the local care organizations to centralize the management of their technical and software infrastructures, Antonio succeeded in entering new market niches. Thus, by being well-known, he attracted the attention of private end users, such as Maria (Primary end-user), who can apply his solution in their homes, and thus remain independent and enjoy better quality of life. Through the personal contact with her, he learned a lot about her requirements for digital technology. Based on the collected information, Antonio improved the accessibility and usability of the control panel of his smart care solution. Moreover, he was able to improve his products with new and useful functionalities, like social networking.



Maria
(Primary end-user)

Since Maria is using the smart home care solution of Antonio, she is enjoying a higher level of independence. The implemented lighting provides her with additional comfort, security, and energy savings. Her sleeping disorder is now under constant observation through care professionals and in case of an emergency she will receive immediate assistance. Moreover, the networking feature of the solution helps her remain in touch with other older persons in her municipality, with whom she can spontaneously arrange social activities. Finally, by engaging with Maria and based on her feedback, Antonio managed to address real needs of his customers and meet the current demand on the market.

Use case 4: Upscale of person-centered digital solutions and services for older people



1

2

3

4

Primary end-user

Secondary end-user

AAL/AHA solution developer/provider

Authorities & facilitators



Maria



Tomas

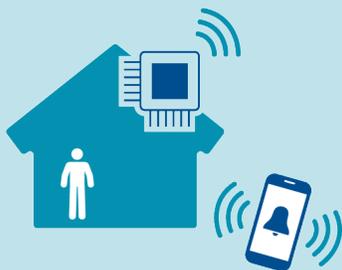


Antonio



Laura

Use case



Benefits

- Additional comfort, security, and energy savings
- Immediate assistance in case of emergency
- Higher level of independence

- Increased customer base
- New market niche and revenue stream
- Improved accessibility and usability of digital solutions for older persons
- Ability to address real market needs and requirements



1

2

3

4

3 OPEN INFORMATION HUB

- Introduction and features
- Registration and login
- Navigation to the tool for platform providers

Open Information Hub

Introduction and features

The screenshot shows the PlatformUptake.eu Open Information Hub homepage. It features a navigation bar with links for HOME, NEWS, PLATFORMS, SOLUTIONS, TOOLS, KNOWLEDGE, EVENTS, ABOUT, CONTACT, and LOG IN. A central slider displays a group of people using devices, with a text overlay: "PlatformUptake.eu INVOLVES end-user communities and related stakeholders to initiate a knowledge exchange cycle for collecting insights on best practices and challenges of platforms' uptake, evolution and costs etc." Below the slider are three buttons: "EXPLORE main platforms in the AHA domain", "WATCH our Videos", and "JOIN our Events". At the bottom, there is a section titled "AHA EXPERTS' VOICES" with three video thumbnails featuring speakers from UniversAAL, City of Aarhus, and IDN.

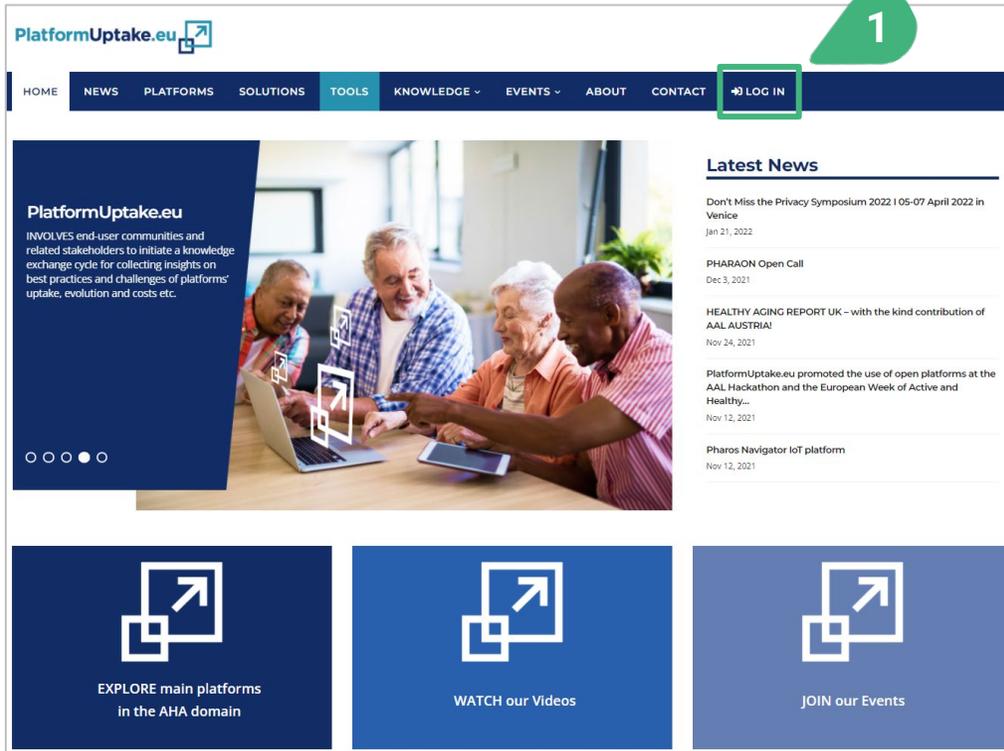
2

The PlatformUptake.eu Open Information Hub constitutes a lively space where stakeholders can gain an overview of the ecosystem of open platforms in the field and showcase their contributions. The Hub is an online resource that provides an overview on existing platforms mapped, monitored and analysed by the project, includes the outcomes of analysis and knowledge exchange, support toolkits, best-practices and guidelines.

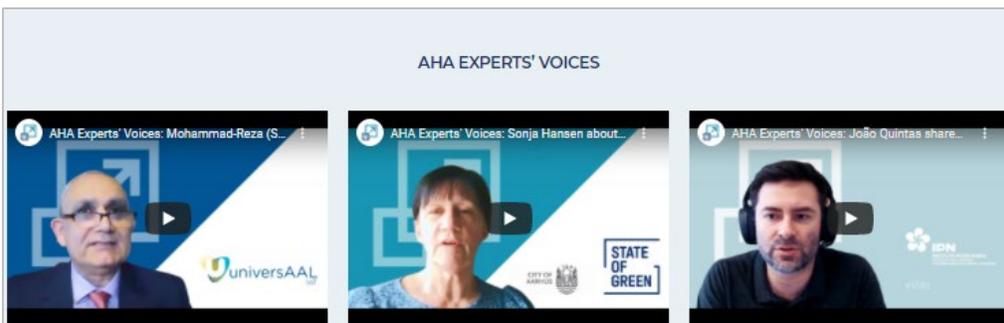
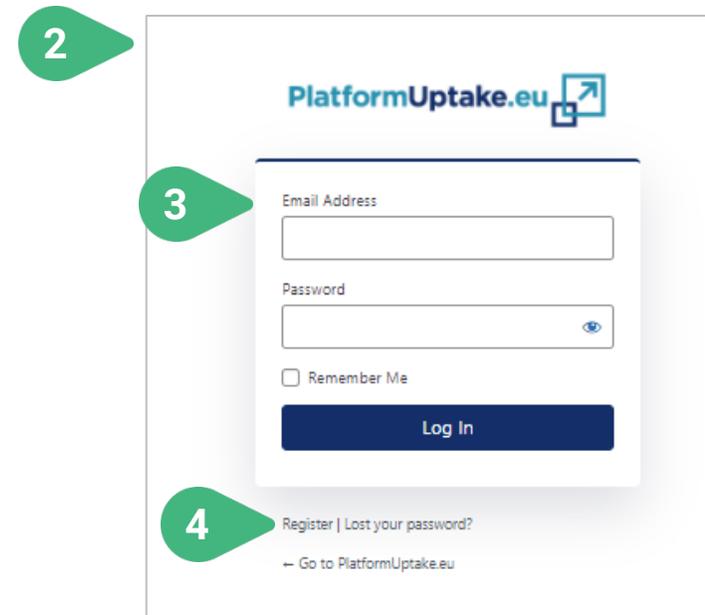
- 1) The **HOME** page of the Hub represents a major gateway to the collection of knowledge, insights and uptake guidelines established by the project consortium.
- 2) The main structure is consisting of a navigation bar (with buttons and drop-down menus) and links to the main categories including some elements such as cards and links to external sources. One drop-down includes a link to the registration area for the monitoring and self-evaluation tools and the MOOC, while still remaining easy to navigate through providing a clean interface to users.
- 3) The central place on the home page is reserved for the slider, comprising project related images and text that may either be scrolled automatically or let visitors take charge.
- 4) Other sections in the Hub, such as **AHA EXPERT'S VOICES**, with valuable inputs for the project's stakeholders, are also shortly presented and linked on the home page.

Open Information Hub

Registration and login



- 1) Interested visitors can register or log in before accessing the tools for platform providers and technology developers by clicking on the **LOG IN** menu in the navigation bar of the Open Information Hub.
- 2) To complete the login or registration, a new screen opens:



- 3) The visitor who is already registered is requested to provide his/her **Email Address** and **Password**.
- 4) If not registered yet, by clicking on **Register** the visitor can go through the registration process which is described on the next slide.



Open Information Hub

Registration and login

1

2

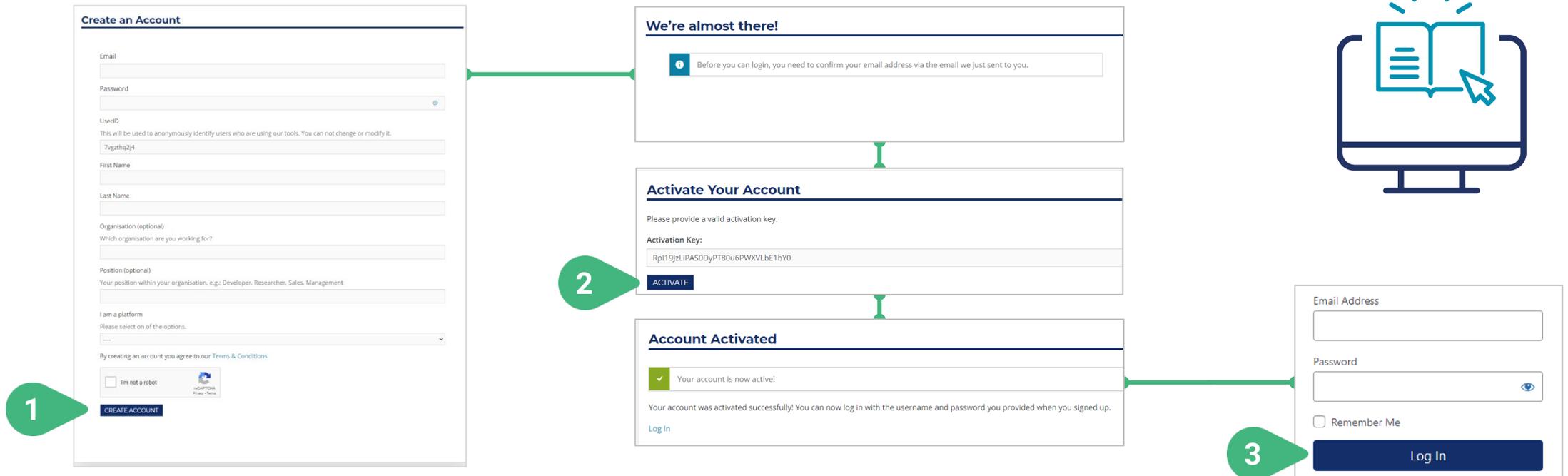
3

4

User registration in the PlatformUptake.eu Open Information Hub is mandatory before being able to access the tools (as a platform provider, a technology developer or an administrator), with the exception of the default user who can access the first tool without being registered (more information is provided below).

- 1) Users can **Create an account** by providing their details and verifying their email address.
- 2) The user will need to confirm the email address by providing a valid **Activation Key**, that was sent to that email, to **activate** the account.
- 3) Once the account is successfully activated, the user can **Log in** to the PlatformUptake.eu Open Information Hub and use all its features and functionalities.

The tools can maintain the user role associations and other personal preferences and configuration of the user. Any user details or other kind of information (including name and email address) are only maintained in the PlatformUptake.eu Open Information Hub userbase, are not accessible by the tool itself, handled anonymously and not shared with third parties.



Open Information Hub | Tool for platform providers

Navigation to the tool for platform providers

PlatformUptake.eu

HOME NEWS PLATFORMS SOLUTIONS **TOOLS** KNOWLEDGE ▾ EVENTS ▾ ABOUT CONTACT PROFILE LOG OUT

HOME > TOOLS

Monitoring and evaluation tool for platform providers Self-evaluation tool for technology developers

This tool allows *platform providers* (registration and verification mandatory) to access and assess information about their platform and its competing products in various time periods. It enables them to visualise different KPIs related to the platform development, usage and community uptake; monitor their communities, how they are using the platform and how successful they are in developing other effective solutions based on it; track their overall status and impact over time, understand their progress and identify areas for improvement. Additionally the tool allows any other user (registration optional to enable personalisation features) to visualise the wealth of openly available information in a per-platform or comparative manner.

PLATFORM MONITORING
KPIs and statistics

PLATFORMS COMPARISON
Ranking of platforms

PLATFORM IN-DEPTH INFORMATION
Ratings, comments and other info

PLATFORM DATA MANAGEMENT
Edit platform data

Please note that after the registration you will have access to personalised features.

You can further access the tutorial of the tool to gain more insight on its capabilities and to learn how to use it.

Visit the tool

Check out the tutorial

In order to access the tool for platform providers on the Open Information Hub users can do the following.

- 1) Click on the **TOOLS** menu option in the navigation bar of the Open Information Hub in order to first access the Tools page.
- 2) In the Tools page, after selecting the first tab “Monitoring and evaluation tool for platform providers”, the user views the main information of the Tool for platform providers.
- 3) By clicking the **Visit the tool** button, the tool itself will be loaded and displayed.
- 4) By clicking the **Check out the tutorial** button, the tutorial of the tool will be displayed.



1

2

3

4

4 TOOL FOR PLATFORM PROVIDERS

- Introduction to tool users, roles and functionalities
- Usage scenarios and steps
 - Platform monitoring
 - Platforms comparison
 - Platform in-depth information
 - Platform data management

Tool for platform providers | Tool users, roles and functionalities

1

2

3

4



Regular user

Role: Visualise the wealth of available information in a per-platform or comparative manner.

Functionalities: Platform monitoring [customisation possible, if registered], platforms comparison.



Platform provider

Role: Visualise different KPIs, statistics metrics and developers' feedback related to the development, usage and community uptake of their platform(s); monitor their communities and understand their needs.

Functionalities: Platform monitoring, platforms comparison, platform in-depth information [only for own platform(s)].



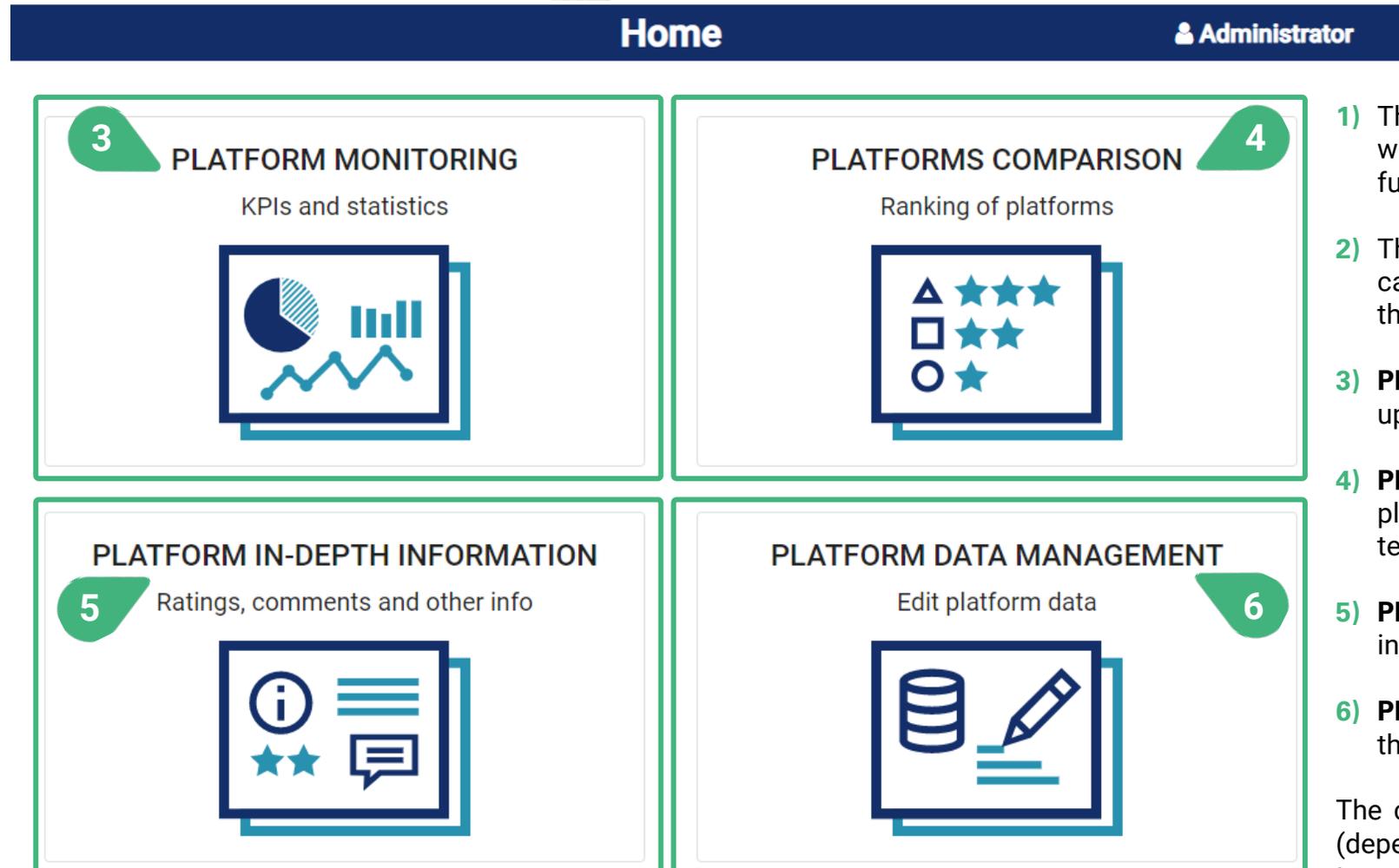
Administrator

Role: Perform maintenance operations and manage the underlying data, including the introduction of new data and the update of existing ones.

Functionalities: Platform monitoring, platforms comparison, platform in-depth information, platform data management.

Tools for platform providers | Usage scenarios

Main screen - Home



- 1) The role of the user currently active determines whether the user has access to functionalities/usage scenarios or not.
- 2) The main screen (**Home**) of the tool includes four cards, one for each of the main functionalities of the tool:
- 3) **Platform monitoring:** Monitor and evaluate the uptake of a particular platform.
- 4) **Platforms comparison:** Compare among platforms from different perspectives, including technical and financial ones.
- 5) **Platform in-depth information:** Gain in-depth insight for the self-evaluation of a platform.
- 6) **Platform data management:** Management of the platform data.

The cards that are accessible to the logged in user (depending on the role) are shown with a blue and turquoise coloured icon. By clicking on any of these cards the user gets access to the selected functionality of the tool. In the case of the shown user role (Administrator), all available functionalities of the tool are accessible to this user.

Tools for platform providers | Usage scenarios

Main screen - Home

1

Home  **Unregistered user**

PLATFORM MONITORING

KPIs and statistics



PLATFORMS COMPARISON

Ranking of platforms



- 1) This is the case of an **“Unregistered user”**.
- 2) If the stored permissions do not allow the user to access one of the functionalities, then the relevant card that is unavailable to this user role is shown with a black and grey colored icon.
- 3) When clicking on any of these unavailable cards, an appropriate message will be presented to the user.

3

2

PLATFORM IN-DEPTH INFORMATION

Ratings, comments and other info



PLATFORM DATA MANAGEMENT

Edit platform data



Not available

×

Please login with an authorised user account to access this functionality

PLATFORM MONITORING

Accessible to user roles platform provider, regular user and administrator



1

2

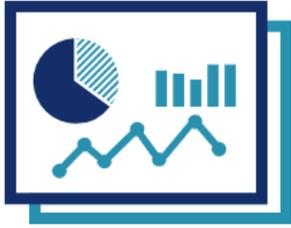
3

4



1

PLATFORM MONITORING
KPIs and statistics



PLATFORMS COMPARISON
Ranking of platforms



1) The user clicks on the **Platform monitoring** card.

PLATFORM IN-DEPTH INFORMATION
Ratings, comments and other info



PLATFORM DATA MANAGEMENT
Edit platform data



PLATFORM MONITORING | Platform selection

Accessible to user roles platform provider, regular user and administrator

The screenshot displays the 'Platform monitoring' interface. At the top, a dark blue header bar contains a home icon and the text 'Platform monitoring'. A green callout '3' points to the home icon. Below the header, a green callout '1' points to the text 'Select a platform'. The main content area is a grid of 12 platform selection cards. A green callout '2' points to the first card in the top row, which is highlighted with a green border. The cards are arranged in three rows and four columns:

- Row 1: AHA/AAL Demo Platform 1 (highlighted), AHA/AAL Demo Platform 2, AHA/AAL Demo Platform 3, FIWARE
- Row 2: universAAL IoT, UNCAP, onesait platform, EKOSMART
- Row 3: sensiNact, REACH 2020 (RESPONSIVE ENGAGEMENT OF THE ELDERLY PROMOTING ACTIVITY AND QUALITY OF LIFE), ACTOVAGE PROJECT, openremote (Creating Meaningful Connections)

- 1) After selecting **Platform monitoring**, the user can view the list of the available platforms.
- 2) When the user selects one of the available platforms, then the platform monitoring screen for the selected platform is loaded, so that the user can visualise the monitoring information about this platform.
- 3) When clicking the home icon, then the user is always navigated back to the main screen of the tool (Home).

PLATFORM MONITORING | Dimensions view

Accessible to user roles platform provider, regular user and administrator

Platform monitoring

Platform selection

AHA/AAL Demo Platform 1

Global score: 51 ↑
Ranking: 1 out of 14

Dimensions' view | Users' view | Statistics

Technical | Business | Contextual

Score of the technical dimension: 58 **See evolution** Select a period: KPI Period 04 (Ma...)

Original KPI value shown in the circle center. Normalised value shown in the circumference:

KPI_01: 82 (Normalized: 3) **See evolution**

KPI_07: 85 (Normalized: 3) **See evolution**

KPI_13: Same (Normalized: 2) **See evolution**

KPI ID	KPI name	Original value	Normalized value	Default weight	User weight	Save
KPI_01	Reaching user goals, needs and preferences	82	3	9	- 9 +	Reset
KPI_07	Easy-to-use	85	3	9	- 10 +	Reset
KPI_13	Quality of Life	Same	2	7	- 7 +	Reset
KPI_25	Services / applications offered	11.45	1	7	- 6 +	Reset
KPI_28	Compliance/ Adherence to standards	16	3	9	- 9 +	Reset

- 1) This is the logo of the currently selected platform. All the data displayed in the screen regard this platform.
- 2) The user can go back to the **< Platform selection** screen.
- 3) An (i) icon can be found next to the various tool capabilities as they appear on the screen. These icons serve as an interactive usage-guide while the user is using the tool. When the user moves the mouse on top of one of these icons, the user can see a pop-up message with more information about the functionality.
- 4) **Global score** for latest measurement period and its tendency. The global score of each platform is calculated based on all of the KPIs the values of which are available for a particular measurement period (the latest one, in this case), and their default weights (as defined in the PU methodology). As is the case with all scores, the global score is normalized in the integer range [0..100]. A larger score is better. The tendency is shown by an upward (for improvement) or downward (for deterioration) pointing arrow or an "=" sign (for no change). The tendency always reflects the change of a particular score compared to the previous KPI measurement period (if KPI data for that period are available).

PLATFORM MONITORING | Dimensions view

Accessible to user roles platform provider, regular user and administrator

Platform monitoring

Platform selection

AHA/AAL Demo Platform 1

Global score: 51 ↑
Ranking: 1 out of 14

Dimensions' view | Users' view | Statistics

Technical | Business | Contextual

Score of the technical dimension: 58

See evolution

Select a period
KPI Period 04 (Ma...)

Original KPI value shown in the circle center. Normalised value shown in the circumference:

KPI_01: 82 (Original), 3 (Normalized)
KPI_07: 85 (Original), 3 (Normalized)
KPI_13: Same (Original), 2 (Normalized)

KPI ID	KPI name	Original value	Normalized value	Default weight	User weight	Save
KPI_01	Reaching user goals, needs and preferences	82	3	9	- 9 +	Reset
KPI_07	Easy-to-use	85	3	9	- 10 +	Reset
KPI_13	Quality of Life	Same	2	7	- 7 +	Reset
KPI_25	Services / applications offered	11.45	1	7	- 6 +	Reset
KPI_28	Compliance/ Adherence to standards	16	3	9	- 9 +	Reset

5) Global ranking for the latest measurement period. The ranking shows the position of the platform in comparison to the other platforms for the same type of score (the global score, in this case) and the same measurement period (the latest measurement period, in this case). The platform with the best score is placed in the 1st place. If two platforms have the same score, then they share the same place.

6) There are three tabs to choose: **Dimensions view**, which is selected by default, **Users view** and **Statistics**. According to the PU methodology, each of the KPIs have been assigned a particular dimension and a particular user cluster. The user can group the KPIs based on these aspects. All three tabs are clickable and, depending on the selected one, the corresponding sub-tabs will be shown.

7) Sub-tabs of chosen view. In the case of **Dimensions view** available dimensions are **Technical** (which is selected by default), **Business** and **Contextual**. In the case of **Users view** available user clusters are **Primary end-users** (which is selected by default), **Secondary end-users**, **AHA/AAL solutions developer/providers & Open platform providers** and **Authorities & facilitators**.

PLATFORM MONITORING | Dimensions view

Accessible to user roles platform provider, regular user and administrator

↑
Platform monitoring

← Platform selection

Global score: 51 ↑
Ranking: 1 out of 14

Dimensions' view ⓘ
Users' view ⓘ
Statistics ⓘ

Technical ⓘ
Business ⓘ
Contextual ⓘ

9
Score of the technical dimension: 58

10
See evolution

8

Select a period
 KPI Period 04 (Ma...

Original KPI value shown in the circle center. Normalised value shown in the circumference:

See evolution

See evolution

See evolution

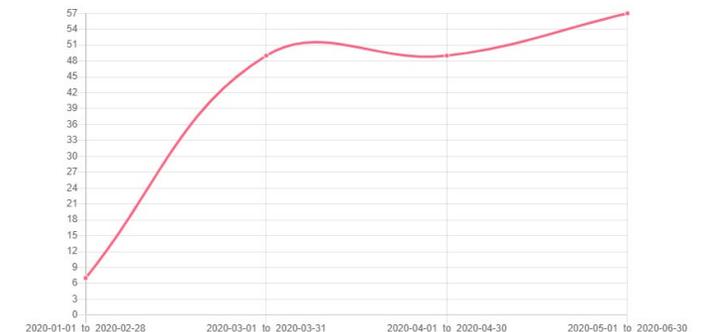
KPI ID	KPI name	Original value	Normalized value	Default weight	User weight	Save
KPI_01	Reaching user goals, needs and preferences	82	3	9	- 9 +	Reset
KPI_07	Easy-to-use	85	3	9	- 10 +	Reset
KPI_13	Quality of Life	Same	2	7	- 7 +	Reset
KPI_25	Services / applications offered	11.45	1	7	- 6 +	Reset
KPI_28	Compliance/ Adherence to standards	16	3	9	- 9 +	Reset

8) Select a measurement period. The latest measurement period for KPIs is shown by default. The period must have been previously made available by the administrator (more info for administrators can be found in the platform data management scenario). The KPI values for each platform are stored in the tool for various measurement periods.

9) **Score of the technical dimension.** The score depends on selected tab, (in the example shown **Technical dimension**) and the user-set KPI weights (more information provided below).

10) **See evolution** of the score. This shows how the score evolved over time in the various measurement periods. Example **Evolution of the Technical dimension score:**

Evolution of the Technical dimension



PLATFORM MONITORING | Dimensions view

Accessible to user roles platform provider, regular user and administrator

Platform monitoring

< Platform selection

AHA/AAL Demo Platform 1

Global score: 51 ↑
Ranking: 1 out of 14

Dimensions' view Users' view Statistics

Technical Business Contextual

Score of the technical dimension: 58 [See evolution](#) KPI Period 04 (Ma...)

Original KPI value shown in the circle center. Normalised value shown in the circumference:

11 12 13 12

14

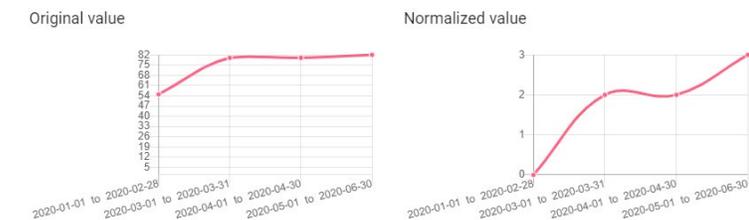
KPI ID	KPI name	Original value	Normalized value	Default weight	User weight	Save
KPI_01	Reaching user goals, needs and preferences	82	3	9	- 9 +	Reset
KPI_07	Easy-to-use	85	3	9	- 10 +	Reset
KPI_13	Quality of Life	Same	2	7	- 7 +	Reset
KPI_25	Services / applications offered	11.45	1	7	- 6 +	Reset
KPI_28	Compliance/ Adherence to standards	16	3	9	- 9 +	Reset

11) KPI visualization circle. The user can view the KPI id and its current value. Via the (i) icon in the middle of the circle the user can further see more detailed information about the KPI. The circle visualizes the normalized value of the KPI. A different normalization approach can be followed for each of the KPIs, but they are all normalized in the integer range [0..4].

12) The < left and > right arrows can be used to shuffle through the circular KPI visualisations.

13) **See evolution** of KPI. The evolution of original and normalized values of a KPI (or statistics metric) as they have been recorded over the different measurement periods. Example **KPI_01 Evolution over time**:

KPI_01 Evolution over time



14) List of KPIs. This list presents a detailed view of KPIs.

PLATFORM MONITORING | Dimensions view

Accessible to user roles platform provider, regular user and administrator

Platform monitoring

Platform selection

AHA/AAL Demo Platform 1

Global score: 51 ↑
Ranking: 1 out of 14

Dimensions' view Users' view Statistics

Technical Business Contextual

Score of the technical dimension: 58

See evolution

Select a period
KPI Period 04 (Ma...)

Original KPI value shown in the circle center. Normalised value shown in the circumference:

KPI_01 82

KPI_07 85

KPI_13 Same

KPI ID	KPI name	Original value	Normalized value	Default weight	User weight	Save
KPI_01	Reaching user goals, needs and preferences	82	3	9	- 9 +	Reset
KPI_07	Easy-to-use	85	3	9	- 10 +	Reset
KPI_13	Quality of Life	Same	2	7	- 7 +	Reset
KPI_25	Services / applications offered	11.45	1	7	- 6 +	Reset
KPI_28	Compliance/ Adherence to standards	16	3	9	- 9 +	Reset

15) By clicking on the title of a parameter, the user can sort the KPIs in the list in ascending or descending order based on the value of the selected parameter.

16) View of KPI's **Default weight** and **User weight** (as set by the user). The platform scores are calculated by taking into account the normalized KPI values and their weights. Default weights in the range [0..10] have been set for each of the KPIs in the PU methodology. Each user can personally modify the weight of each KPI, if he/she desires to. If user-set weights have been defined, they are used in place of the default ones for the calculation of the platform scores based on the user's preferences/priorities.

17) Change the user-set weight of a particular KPI (only registered users). The user can change the weight of each KPI individually in the range [0..10] by using the + and - buttons.

18) The user can click on the **Reset** button, next to a KPI weight, to revert it to its default value.

19) The user can click on **Save** in order to store the desired user-set weights (only registered users). When this is done the scores within the selected sub-tab are re-calculated based on the user-set weight) in the shown case **score of the technical dimension**.

PLATFORM MONITORING | Statistics tab

Accessible to user roles platform provider, regular user and administrator

24

Platform monitoring

Platform selection

AHA/AAL Demo Platform 1

Global score: 51 ↑
Ranking: 1 out of 14

Dimensions' view Users' view **Statistics**

Period: Select a period
Statistics Period 0...

22

Total page views	13	See evolution
Bounce Rate	22 %	See evolution
Number of new users	58	See evolution
Number of sessions per user	116	See evolution
Number of pages per Session	3.904	See evolution

Total unique visitors	9543	See evolution
Number of Users	766	See evolution
Number of sessions	48037	See evolution
Page views	187.553	See evolution

23

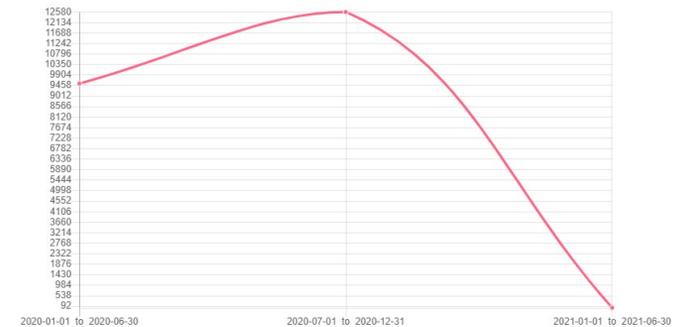
20) **Statistics.** This is the view shown once the user selects the statistics tab.

21) **Select a period** of measurement. The tool supports different measurement periods for statistics and KPI metrics.

22) View statistic items list with their values.

23) **See evolution** of a statistics item. Example **Evolution of Total unique visitors' metric:**

Evolution of Total unique visitors



24) Go back to main screen to choose another functionality.

PLATFORMS COMPARISON

Accessible to user roles platform provider, regular user and administrator



1

2

3

4



PLATFORM MONITORING
KPIs and statistics



PLATFORMS COMPARISON
Ranking of platforms



1) The user clicks on the **Platforms comparison** card.

1

PLATFORM IN-DEPTH INFORMATION
Ratings, comments and other info



PLATFORM DATA MANAGEMENT
Edit platform data



PLATFORMS COMPARISON | Global score

Accessible to user roles platform provider, regular user and administrator

The screenshot shows the 'Platforms comparison' interface. At the top, there are four tabs: 'Global score', 'Dimensions' view', 'Users' view', and 'Statistics'. A 'Period' dropdown menu is set to 'KPI Period 04 (Ma...)'. Below the tabs is a table with columns for 'Position', 'Platform', and 'Global score'. The table lists various platforms with their respective scores and change indicators.

Position	Platform	Global score ↓
1	Test AHA/AAL 1	51
6	Test AHA/AAL 2	16
2	Test AHA/AAL 3	34
4	FIWARE	21
4	universAAL	21
--	UNCAP	--
--	onesait platform	--
3	EkoSmart	23
--	sensiNact	--
--	Reach2020	--
--	AIOTES	--
--	OpenRemote	--
--	TAREME Platform	--
--	SmartBear	--

- 1) An (i) icon can be found next to the various tool capabilities as they appear on the screen. These icons serve as an interactive usage-guide while the user is using the tool. When the user moves the mouse on top of one of these icons, then the user can see a pop-up message with more information about the functionality.
- 2) There are four tabs to choose: **Global score**, which is selected by default, **Dimensions view**, **Users view** and **Statistics**.
- 3) **Select a period** of measurement. The most recent measurement period for KPIs is shown by default. The period must have been previously made available by the administrator (more info for administrators can be found in the platform data management scenario). The KPI values for each platform are stored in the tool for various measurement periods.
- 4) Select/filter platforms for comparison. By doing so, only the selected platforms will be presented in the list below and compared. By default, all platforms are presented.

PLATFORMS COMPARISON | Global score

Accessible to user roles platform provider, regular user and administrator

Position	Platform	Global score
1	Test AHA/AAL 1	51
6	Test AHA/AAL 2	16
2	Test AHA/AAL 3	34
4	FIWARE	21
4	universAAL	21
--	UNCAP	--
--	onesait platform	--
3	EkoSmart	23
--	sensiNact	--
--	Reach2020	--
--	AIOTES	--
--	OpenRemote	--
--	TAREME	--
--	SmartBear	--

- 5) Global score** (or dimensions or clusters' score in the other tabs). The user can click on the title to order the platforms, in ascending or descending order, based on their scores.
- 6) Position.** View the ranking of platforms (based on their score).
- 7) Tendency:** View the score tendency (only if information is available).
- 8) Select Dimensions view.**

PLATFORMS COMPARISON | Dimensions view

Accessible to user roles platform provider, regular user and administrator

1 Platforms comparison

Global score Dimensions' view Users' view Statistics

Contextual Business Technical

Period Select a period
KPI Period 04 (Ma...)

Position	Platform	All platforms	Score of the dimension	↓KPI_01	KPI_07	KPI_13	KPI_23	KPI_25	KPI_28	KPI_47
1	AHA/AAL Demo Platform 1	Test AHA/AAL 1	↑ 57	3 (82)	3 (85)	2 (Same)	--	1 (11.45)	3 (16)	4 (4)
6	AHA/AAL Demo Platform 2	Test AHA/AAL 2	↓ 17	0 (30)	3 (82)	1 (Same)	--	1 (40)	0 (5)	0 (2)
2	AHA/AAL Demo Platform 3	Test AHA/AAL 3	= 43	2 (30)	0 (82)	4 (Same)	--	3 (40)	4 (5)	0 (2)
4	FIWARE	FIWARE	21	1 (55)	--	--	--	--	--	--
4	universAAL	universAAL	21	1 (55)	--	--	--	--	--	--
--	UNCAP	UNCAP	--	--	--	--	--	--	--	--
--	onesait platform	onesait	--	--	--	--	--	--	--	--
3	EROSMART	EkoSmart	29	0 (0)	--	4 (Better)	--	1 (19)	1 (1)	--
--	sensiNact	sensiNact	--	--	--	--	--	--	--	--
--	REACH 2020	Reach2020	--	--	--	--	--	--	--	--
--	ACTOVAGE PROJECT	AIOTES	--	--	--	--	--	--	--	--
--	openremote	OpenRemote	--	--	--	--	--	--	--	--

9) Sub-tabs of chosen view. In the case of **Dimensions view** available dimensions are **Technical** (which is selected by default), **Contextual** and **Business**. In the case of **Users view** available user clusters are **Primary end-users** (which is selected by default), **Secondary end-users**, **AHA/AAL solutions developer/providers & Open platform providers** and **Authorities & facilitators**.

10) **Select a period** of measurement. Select a measurement period. The most recent measurement period is shown by default.

11) Select/filter platforms for comparison. By doing so, only the selected platforms will be presented in the list below and compared. By default, all platforms are presented.

12) View the **Score of the dimension** (or cluster) that was selected.

13) **Position**. View the ranking of platforms (based on their score) in this dimension.

14) **Tendency**. View the score tendency (only if information is available).

PLATFORMS COMPARISON | Dimensions view

Accessible to user roles platform provider, regular user and administrator

Platforms comparison

Global score **Dimensions' view** Users' view Statistics **17**

Contextual Business **Technical**

Period: Select a period
KPI Period 04 (Ma...)

Position	Platform	All platforms	Score of the dimension	KPI_01	KPI_07	KPI_13	KPI_23	KPI_25	KPI_28	KPI_47
1	Test AHA/AAL 1	↑ 57	3 (82)	3 (85)	2 (Same)	--	1 (11.45)	3 (16)	4 (4)	
6	Test AHA/AAL 2	↓ 17	0 (30)	3 (82)	1 (Same)	--	1 (40)	0 (5)	0 (2)	
2	Test AHA/AAL 3	= 43	2 (30)	0 (82)	4 (Same)	--	3 (40)	4 (5)	0 (2)	
4	FIWARE	21	1 (55)	--	--	--	--	--	--	
4	universAAL	21	1 (55)	--	--	--	--	--	--	
--	UNCAP	--	--	--	--	--	--	--	--	
--	onesait	--	--	--	--	--	--	--	--	
3	EkoSmart	29	0 (0)	--	4 (Better)	--	1 (19)	1 (1)	--	
--	sensiNact	--	--	--	--	--	--	--	--	
--	Reach2020	--	--	--	--	--	--	--	--	
--	AIOTES	--	--	--	--	--	--	--	--	
--	OpenRemote	--	--	--	--	--	--	--	--	

15) View detailed information of all KPIs of this dimension including their original and normalised values. If more KPIs are available, then the user can navigate the list of KPIs and their values by using the scroll bar.

16) By clicking on the ID of a particular KPI, the user can sort the platforms based on their value for this specific KPI.

17) Select **Statistics** tab.

PLATFORMS COMPARISON | Statistics tab

Accessible to user roles platform provider, regular user and administrator

23



Platforms comparison

18

Global score

Dimensions' view

Users' view

Statistics

19

Period

Select a period

Statistics Period 0...

20

Platform

All platforms

Total page views	Total unique visitors	Bounce Rate	Number of Users	Number of new users	Number of sessions	Number of sessions per user	Page views	Number of pages per Session
------------------	-----------------------	-------------	-----------------	---------------------	--------------------	-----------------------------	------------	-----------------------------

22

Test AHA/AAL 1	13	9543	22	766	58	48037	116	187.553	3.904
Test AHA/AAL 2	--	--	33.45	--	--	--	--	19	--
Test AHA/AAL 3	--	--	--	--	--	--	--	--	--
FIWARE	--	--	--	--	--	--	--	--	--
universAAL	--	--	--	--	--	--	--	--	--
UNCAP	--	--	--	--	--	--	--	--	--
onesait	--	--	--	--	--	--	--	--	--
EkoSmart	--	--	--	--	--	--	--	--	--
sensiNact	--	--	--	--	--	--	--	--	--
Reach2020	--	--	--	--	--	--	--	--	--
AIOTES	--	--	--	--	--	--	--	--	--
OpenRemote	--	--	--	--	--	--	--	--	--

21

18) **Statistics.** This is the view shown once the user selects the statistics tab.

19) **Select a period** for statistics measurement. The tool supports different measurement periods for statistics and KPI metrics.

20) Select/filter platforms for comparison. By doing so, only the selected platforms will be presented in the list below and compared. By default, all platforms are presented.

21) Details of the statistics metrics.

22) By clicking on a specific statistics metric, the user can sort the platforms based on that metric.

23) Go back to main screen to choose another functionality.

PLATFORM IN-DEPTH INFORMATION

Accessible to user roles platform provider and administrator



1

2

3

4



PLATFORM MONITORING

KPIs and statistics



PLATFORMS COMPARISON

Ranking of platforms



PLATFORM IN-DEPTH INFORMATION

Ratings, comments and other info



PLATFORM DATA MANAGEMENT

Edit platform data



1) The user clicks on the **Platform in-depth information** card.

1

PLATFORM IN-DEPTH INFORMATION | Platform selection

Accessible to user roles platform provider and administrator

1 Select a platform

2

3

Platform in-depth information

AHA/AAL Demo Platform 1

AHA/AAL Demo Platform 2

AHA/AAL Demo Platform 3

FIWARE

universAAL IoT

UNCAP

onesait platform

EKOSMART

sensiNact

REACH 2020
RESPONSIVE ENGAGEMENT OF THE ELDERLY
PROMOTING ACTIVITY AND CUSTOMISED HEALTHCARE

ACTOVAGE PROJECT

openremote
Creating Meaningful Connections

- 1) After selecting “Platform in-depth monitoring”, the user can view the list of available platforms. If the user is a platform provider only the platform(s) assigned to this particular user will be displayed and selectable in this screen. If the user is an administrator all the platforms will be displayed and selectable.
- 2) After the user selects one of the available platforms, the in-depth information about the selected platform is loaded, so that the user can visualise it.
- 3) When clicking this home icon, the user is always navigated back to the main screen of the tool (Home).

PLATFORM IN-DEPTH INFORMATION | Ratings and comments

Accessible to user roles platform provider and administrator

The screenshot shows a user interface for platform information. At the top is a dark blue navigation bar with a home icon and the text 'Platform in-depth information'. Below this is a breadcrumb trail with a '< Platform selection' button. A large box displays the platform logo 'AHA/AAL Demo Platform 1'. Below the logo are two tabs: 'Ratings and comments' (selected) and 'Feedback details'. The main content area contains two rating sections. The first section asks the user to rate interoperability and integration ease, showing a 2.8 rating with 4 reviews and a 'See details' button. The second section asks the user to rate security, showing a 4.3 rating with 3 reviews and a 'See details' button. A vertical sidebar on the left contains icons for navigation and a list of numbered items (1-4) corresponding to the callouts.

1 Platform in-depth information

2 < Platform selection

3 AHA/AAL Demo Platform 1

4 Ratings and comments Feedback details

Please rate the level of interoperability and integration easiness of the platform (including technical knowledge and overall effort requirements) with third-party platforms and services. You can also (optionally) provide a textual answer.

2.8

4 reviews

See details

Please rate the level of security offered by the paltform for communications between services and devices.

4.3

3 reviews

See details

- 1) This is the logo of the currently selected platform. All the data displayed in the screen regard this platform
- 2) The user can go back to the < **Platform selection** screen.
- 3) An (i) icon can be found next to the various tool capabilities as they appear on the screen. These icons serve as an interactive usage-guide while the user is using the tool. When the user moves the mouse on top of one of these icons, the user can see a pop-up message with more information about the functionality.
- 4) There are two tabs available **Ratings and comments** (which is selected by default) and **Feedback details**. In the tab **Ratings and comments** the user can visualize a cumulative analysis of the feedback provided by technology developers regarding the selected platform. This feedback was provided in the form of ratings and/or textual answers to a number of questions. Since technology developers are able to revise their feedback over time (via the tool for technology developers), only the most up-to-date ratings and answers of each developer are presented here. All developers' ratings and answers are shown in an anonymous manner.

PLATFORM IN-DEPTH INFORMATION | Ratings and comments

Accessible to user roles platform provider and administrator

Platform in-depth information

< Platform selection

AHA/AAL Demo Platform 1

Ratings and comments ⓘ Feedback details ⓘ

5 Please rate the level of interoperability and integration easiness of the platform (including technical knowledge and overall effort requirements) with third-party platforms and services. You can also (optionally) provide a textual answer.

6

7 2.8
4 reviews

8 See details

Please rate the level of security offered by the paltform for communications between services and devices.

4.3
3 reviews

See details

- 5) List of all questions addressed to the technology developers along with a summary of the analysis of provided answers. The user can move to the next/previous questions by using the vertical scrollbar.
- 6) Full header title of each question.
- 7) Mean rating provided by the developers in numerical and visual (stars) form, together with the number of individual developers' ratings that the calculation of this mean value was based on.
- 8) See details of a particular question. A new screen appears.

PLATFORM IN-DEPTH INFORMATION | Ratings and comments | Question detail

Accessible to user roles platform provider and administrator

Platform in-depth information

< Platform selection

14 AHA/AAL Demo Platform 1

Ratings and comments Feedback details

9 ←

10 Please rate the level of interoperability and integration easiness of the platform (including technical knowledge and overall effort requirements) with third-party platforms and services. You can also (optionally) provide a textual answer.

11 2.8 4 reviews

12

13

Feb 2, 2021 ★★★★★
this aspect was improved so now I like it more

Jun 2, 2021 ★★★★★
it is still horrible . it is the worst platform I have ever used !

Jun 2, 2021 ★★★★★

Jul 9, 2021 ★★★★★
it is ok. Some aspects are good and some are bad .

14

- 9) Go back to the previous screen.
- 10) Title of the question.
- 11) Mean rating and total number of developers who rated.
- 12) Distribution of the rating scores provided by developers.
- 13) Ratings and comments, as provided by the individual developers, visualised in an anonymous manner. Only the most up-to-date rating and comment from each developer is shown. In each of the comments, various parts of the developer's text are highlighted with different colors (red or green) depending on whether they have a positive or negative meaning.
- 14) Select **Feedback details** tab.

PLATFORM IN-DEPTH INFORMATION | Feedback details

Accessible to user roles platform provider and administrator

18



Platform in-depth information

< Platform selection

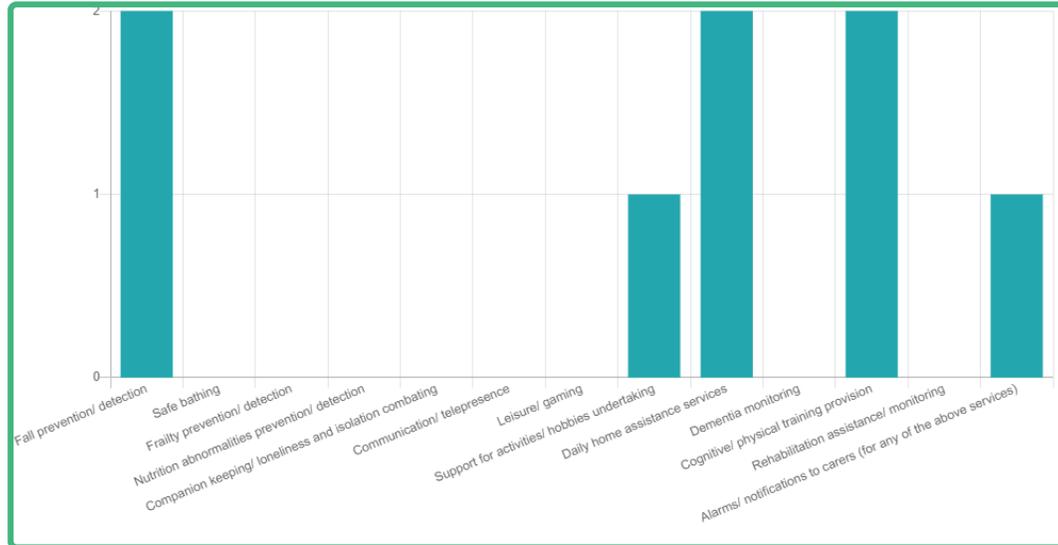
AHA/AAL
Demo Platform 1

15

Ratings and comments

Feedback details

To which AHA/AAL domain(s) does your developed solution belong? (up to 5 choices possible)



16

17

- 15) In the **Feedback details** tab the user can view a list of questions addressed to technology developers regarding their own characteristics and the characteristics of their developed product/solution, on the basis of which the feedback regarding the selected platform was provided. All information is presented in an anonymous manner.
- 16) Title of the question.
- 17) Graph with the analysis of the distribution of the answers that developers provided to this question. The x-axis shows the available answer options. The y-axis shows the number of answers provided for each option.
- 18) Go back to main screen to choose another functionality.

PLATFORM DATA MANAGEMENT

Accessible to role administrator



1

2

3

4



PLATFORM MONITORING
KPIs and statistics

PLATFORMS COMPARISON
Ranking of platforms

PLATFORM IN-DEPTH INFORMATION
Ratings, comments and other info

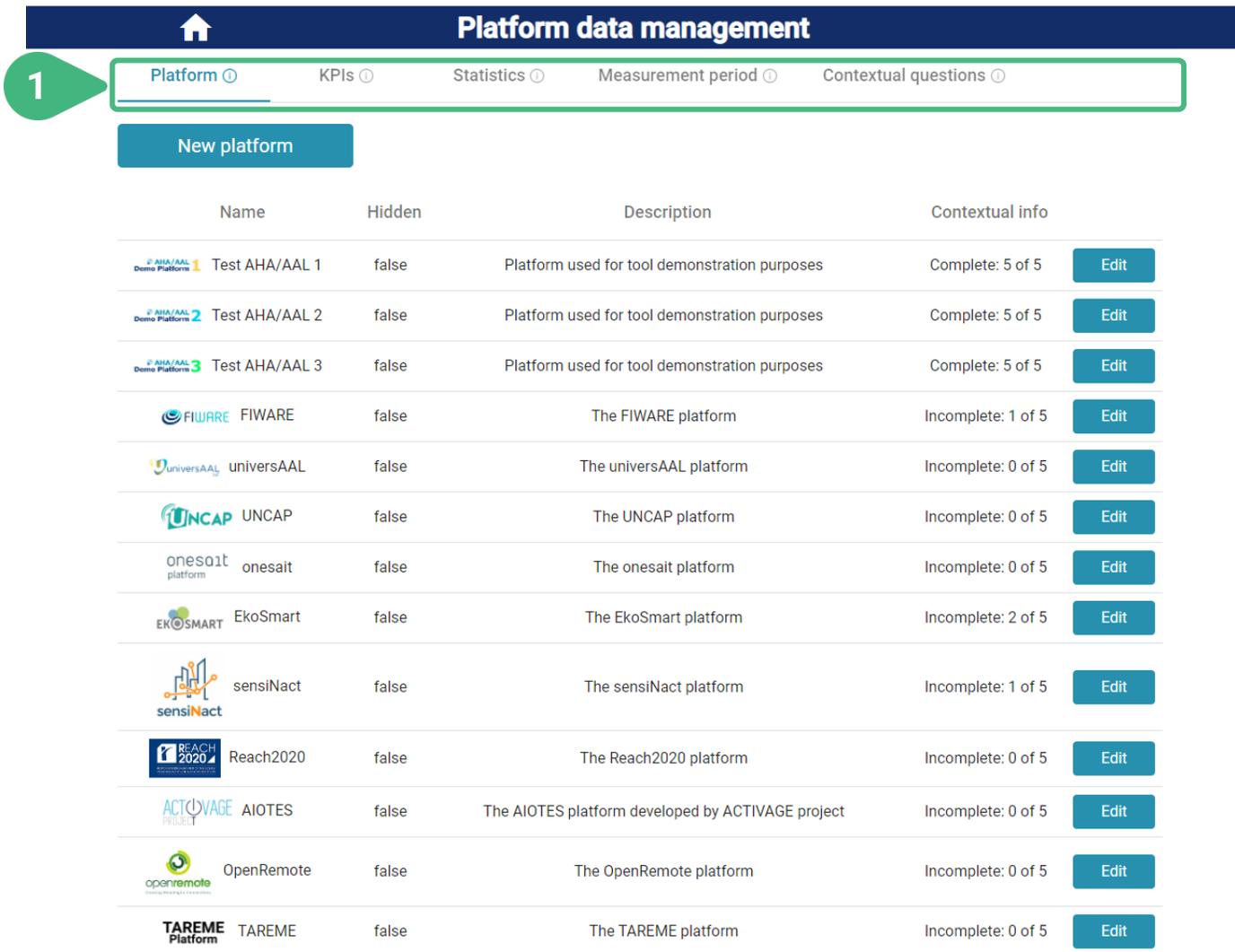
PLATFORM DATA MANAGEMENT
Edit platform data

1

1) The administrator clicks on the **Platform data management** card.

PLATFORM DATA MANAGEMENT

Accessible to role administrator



Platform data management

Platform KPIs Statistics Measurement period Contextual questions

New platform

Name	Hidden	Description	Contextual info
 Test AHA/AAL 1	false	Platform used for tool demonstration purposes	Complete: 5 of 5 Edit
 Test AHA/AAL 2	false	Platform used for tool demonstration purposes	Complete: 5 of 5 Edit
 Test AHA/AAL 3	false	Platform used for tool demonstration purposes	Complete: 5 of 5 Edit
 FIWARE	false	The FIWARE platform	Incomplete: 1 of 5 Edit
 universAAL	false	The universAAL platform	Incomplete: 0 of 5 Edit
 UNCAP	false	The UNCAP platform	Incomplete: 0 of 5 Edit
 onesait platform	false	The onesait platform	Incomplete: 0 of 5 Edit
 EkoSmart	false	The EkoSmart platform	Incomplete: 2 of 5 Edit
 sensiNact	false	The sensiNact platform	Incomplete: 1 of 5 Edit
 Reach2020	false	The Reach2020 platform	Incomplete: 0 of 5 Edit
 AIOTES	false	The AIOTES platform developed by ACTIVAGE project	Incomplete: 0 of 5 Edit
 OpenRemote	false	The OpenRemote platform	Incomplete: 0 of 5 Edit
 TAREME	false	The TAREME platform	Incomplete: 0 of 5 Edit

1) There are five tabs available with the following functionalities:

- **Platform**, which is selected by default: View and edit the main data of the platforms, including the platform logo and answers to the contextual questions. Also introduce a new platform. Flag a platform so that it will not be usable/visible in other functionalities of the tool, yet all relevant data will be retained.
- **KPIs**: View and edit the details of all KPIs, including their characteristics, default weight and normalization details. Introduce a new KPI. Input, view and edit the original KPI values for each of the platforms and each of the KPI measurement periods.
- **Statistics**: View and edit the details of all statistics metrics. Introduce a new statistics metric. Input, view and edit the statistics metrics values for each of the platforms and each of the statistics measurement periods.

PLATFORM DATA MANAGEMENT

Accessible to role administrator

Name	Hidden	Description	Contextual info
Test AHA/AAL 1	false	Platform used for tool demonstration purposes	Complete: 5 of 5 Edit
Test AHA/AAL 2	false	Platform used for tool demonstration purposes	Complete: 5 of 5 Edit
Test AHA/AAL 3	false	Platform used for tool demonstration purposes	Complete: 5 of 5 Edit
FIWARE	false	The FIWARE platform	Incomplete: 1 of 5 Edit
universAAL	false	The universAAL platform	Incomplete: 0 of 5 Edit
UNCAP	false	The UNCAP platform	Incomplete: 0 of 5 Edit
onesait	false	The onesait platform	Incomplete: 0 of 5 Edit
EkoSmart	false	The EkoSmart platform	Incomplete: 2 of 5 Edit
sensiNact	false	The sensiNact platform	Incomplete: 1 of 5 Edit
Reach2020	false	The Reach2020 platform	Incomplete: 0 of 5 Edit
AIOTES	false	The AIOTES platform developed by ACTIVAGE project	Incomplete: 0 of 5 Edit
OpenRemote	false	The OpenRemote platform	Incomplete: 0 of 5 Edit
TAREME	false	The TAREME platform	Incomplete: 0 of 5 Edit

1) Continued...:

- **Measurement period:** View and edit the details of measurement periods of various types (e.g., KPIs, statistics). Introduce a new measurement period. The admin can further flag a measurement period so that it will not be usable/visible in all other functionalities of the tool (yet all relevant data will be retained). This is useful e.g., until all the platforms' data have been introduced in the tool for that period.
- **Contextual questions:** View and edit all contextual questions, their details and potential answers. Change the order of appearance of contextual questions and of their answers. Flag a question so that it will not be usable/visible in other functionalities of the tool, yet all relevant data will be retained. Introduce a new question.

2) An (i) icon can be found next to the various tool capabilities as they appear on the screen. These icons serve as an interactive usage-guide while the user is using the tool. When the user moves the mouse on top of one of these icons, the user can see a pop-up message with more information about the functionality.

PLATFORM DATA MANAGEMENT

Accessible to role administrator

The screenshot shows the 'Platform data management' interface. At the top, there is a navigation bar with a home icon and the title 'Platform data management'. Below this, there are several tabs: 'Platform', 'KPIs', 'Statistics', 'Measurement period', and 'Contextual questions'. A 'New platform' button is located at the top left of the main content area. A table lists various platforms with columns for Name, Hidden, Description, and Contextual info. Each row in the table has an 'Edit' button. Numbered callouts (1-5) highlight specific elements: 1 points to the home icon, 2 to the 'Platform' tab, 3 to the 'New platform' button, 4 to the table, and 5 to an 'Edit' button.

Name	Hidden	Description	Contextual info
Test AHA/AAL 1	false	Platform used for tool demonstration purposes	Complete: 5 of 5 Edit
Test AHA/AAL 2	false	Platform used for tool demonstration purposes	Complete: 5 of 5 Edit
Test AHA/AAL 3	false	Platform used for tool demonstration purposes	Complete: 5 of 5 Edit
FIWARE	false	The FIWARE platform	Incomplete: 1 of 5 Edit
universAAL	false	The universAAL platform	Incomplete: 0 of 5 Edit
UNCAP	false	The UNCAP platform	Incomplete: 0 of 5 Edit
onesait platform	false	The onesait platform	Incomplete: 0 of 5 Edit
EkoSmart	false	The EkoSmart platform	Incomplete: 2 of 5 Edit
sensiNact	false	The sensiNact platform	Incomplete: 1 of 5 Edit
Reach2020	false	The Reach2020 platform	Incomplete: 0 of 5 Edit
AIOTES	false	The AIOTES platform developed by ACTIVAGE project	Incomplete: 0 of 5 Edit
OpenRemote	false	The OpenRemote platform	Incomplete: 0 of 5 Edit
TAREME	false	The TAREME platform	Incomplete: 0 of 5 Edit

- 3) View list of existing platforms with their main details.
- 4) Introduce a **New platform**. Initially all fields are empty. A new screen appears.
- 5) **Edit** the details of an existing platform. A new screen appears. This will be shown next. This will show the same screen as when clicking 4, but with pre-filled data from the existing platform.

PLATFORM DATA MANAGEMENT

Accessible to role administrator

The screenshot shows the 'Platform data management' interface. At the top, there is a dark blue header with a home icon and the title 'Platform data management'. Below the header, there are five tabs: 'Platform', 'KPIs', 'Statistics', 'Measurement period', and 'Contextual questions'. The 'Platform' tab is selected. The main content area is titled 'Edit platform' and contains several sections:

- 6** A 'Hide platform' toggle switch, currently turned off.
- 7** A 'Platform name' text input field containing 'Test AHA/AAL 1'.
- 7** A 'Platform description' text area containing 'Platform used for tool demonstration purposes'.
- 8** A 'Logo' section with an 'Upload logo' button, a 'Remove logo' button, and a preview image showing 'AHA/AAL 1 Demo Platform 1'.
- 9** A 'Contextual info' section with four questions and radio button options:
 - Does the platform integrate a medical device? (Yes/No)
 - Is the platform certified? (Yes/No)
 - Is the platform CE marked? (Yes/No)
 - Which country is the platform based in? (Dropdown menu showing 'Greece')
 - What is the access model of the platform? (Dropdown menu showing 'Open access')
- 10** 'Cancel' and 'Save' buttons at the bottom.
- 11** A green callout pointing to the 'Contextual questions' tab.

- 6) Flag **Hide platform** so that it is hidden in other functionalities of the tool. It remains hidden until unflagged.
- 7) Edit main details of the platform, the **Platform name** and the **Platform description**.
- 8) Edit the **Logo** of the platform. If a logo has already been specified for the platform, then it is shown here. The administrator can choose **Upload logo** and select an image file on their local drive. The chosen file is loaded and shown (potentially replacing the previously existing one). The administrator can also choose **Remove logo** to remove the logo of the platform.
- 9) Answer each of the **Contextual info** questions. The answer to each contextual question can be chosen among a list of predefined answers (as they have been specified by the administrator when editing the contextual questions).
- 10) **Save** data and go back to previous screen.
- 11) Select **Contextual questions** tab.

PLATFORM DATA MANAGEMENT

Accessible to role administrator

The screenshot displays the 'Platform data management' interface. At the top, there is a navigation bar with a home icon and the title 'Platform data management'. Below this, there are tabs for 'Platform', 'KPIs', 'Statistics', 'Measurement period', and 'Contextual questions'. The 'Contextual questions' tab is active. On the left side, there is a vertical sidebar with icons and numbered steps 1 through 4. The main content area shows a list of contextual questions. Each question has an 'Order' column with a drag handle (three horizontal lines) and an 'Edit' button. The questions are as follows:

Order	Contextual info	Action
1	Question title: Is the platform CE marked? Alternative title: The platform should be CE marked Available question: <input checked="" type="checkbox"/> Potential answers: <input type="radio"/> Yes <input type="radio"/> No	Edit
2	Question title: Is the platform a medical device? Alternative title: The platform should be a medical device Available question: <input type="checkbox"/> Potential answers: <input type="radio"/> Yes <input type="radio"/> No	Edit
3	Question title: Does the platform integrate a medical device? Alternative title: The platform should integrate a medical device Available question: <input checked="" type="checkbox"/> Potential answers: <input type="radio"/> Yes <input type="radio"/> No	Edit
4	Question title: Is the platform certified? Alternative title: The platform should be certified Available question: <input checked="" type="checkbox"/> Potential answers: <input type="radio"/> Yes <input type="radio"/> No	Edit
5	Question title: Which country is the platform based in? Alternative title: The platform should be from a specific country	Edit

At the top of the list, there is a button 'Add new contextual question' (labeled 15) and two buttons 'Cancel' and 'Save order' (labeled 14). A green box highlights the list of questions (labeled 12). A green callout bubble labeled 13 points to the 'Add new contextual question' button. A green callout bubble labeled 16 points to the 'Edit' button of the second question.

- 12) View list of existing contextual questions and their details.
- 13) Change the **Order** of appearance of a contextual question. By holding the = sign and moving it upwards or downwards. The order of all other questions is automatically updated. The old order is displayed in a strike-through manner.
- 14) **Save** the updated **order** of the questions.
- 15) Click **Add new contextual question** to introduce a new contextual question. A new screen appears.
- 16) **Edit** an existing contextual question. A new screen appears, where the administrator can edit/introduce the data. This will be shown next. This would be the same screen as when clicking 15, but with pre-filled data from the existing contextual question.

PLATFORM DATA MANAGEMENT

Accessible to role administrator

The screenshot shows the 'Platform data management' interface. At the top, there is a navigation bar with a home icon and the title 'Platform data management'. Below this, there are several tabs: 'Platform', 'KPIs', 'Statistics', 'Measurement period', and 'Contextual questions'. The 'Measurement period' tab is currently selected. The main content area is divided into several sections:

- Question title:** A text input field containing 'Is the platform CE marked?' (Callout 24).
- Alternative title:** A text input field containing 'The platform should be CE marked'.
- Delete question:** A button with a red circle icon and the text 'Delete question (flag it as deleted and hide it)' (Callout 18).
- Potential answers:** A table with columns for 'Order' and 'Answer title'.

Order	Answer title
1	Yes
2	No
3	New Answer, just added

Callout 22 points to the order column, and callout 19 points to the answer title column. A trash icon (Callout 20) is located to the right of the table.
- Add a potential answer:** A blue button at the bottom left (Callout 21).
- Cancel and Save:** Two blue buttons at the bottom center (Callout 23).

- 17) Edit the **Question title** and the **Alternative title** of the contextual question. The title is displayed in the platform data management part of this tool. The alternative title is used when displaying the contextual question in the tool for technology developers and using it for providing the developer with custom platform recommendations.
- 18) Flag the contextual question as invisible in order to hide it from other functionalities of the tool while retaining all relevant data. It will remain hidden until unflagged.
- 19) Edit the **Answer title** of existing predefined answers for the contextual question.
- 20) Remove an existing answer from the pool of available ones.
- 21) **Add a potential answer** to the pool of available ones.
- 22) Change the order of appearance of the available **Potential answers**. By holding the = sign and moving the answer upwards or downwards. The order of all other answers is automatically updated. The old order is displayed in a strike-through manner.
- 23) **Save** the updated contextual question including all changes made in this screen. Then automatically go back to the previous screen.
- 24) Select **Measurement period** tab.

PLATFORM DATA MANAGEMENT

Accessible to role administrator



Platform data management

Platform KPIs Statistics **Measurement period** Contextual questions

26

Add new period

25

KPI measurement				
Period title	Ready to use	From	Until	
KPI Period 01	true	01-Jan-20	28-Feb-20	Edit
KPI Period 02	true	01-Mar-20	31-Mar-20	Edit
KPI Period 03	true	01-Apr-20	30-Apr-20	Edit
KPI Period 04	true	01-May-20	30-Jun-20	Edit
KPI Period 05	false	01-Jul-21	29-Sep-21	Edit
Statistics measurement				
Period title	Ready to use	From	Until	
Statistics Period 01	true	01-Jan-20	30-Jun-20	Edit
Statistics Period 02	true	01-Jul-20	31-Dec-20	Edit
Statistics Period 03	true	01-Jan-21	30-Jun-21	Edit
Statistics Period 04	false	01-Jul-21	31-Dec-21	Edit

27

25) View list of existing measurement periods and their details. The periods are automatically grouped per period type. There are different measurement periods supported and used in the tool for keeping the values of different metrics for the platforms over time (e.g., KPIs, statistics).

26) Click **Add a new period** to introduce a new measurement period. A new screen appears.

27) **Edit** an existing measurement period. A new screen appears. This will be shown next. This would be the same screen as when clicking 26, but with pre-filled data from the existing measurement period.

PLATFORM DATA MANAGEMENT

Accessible to role administrator

Platform data management

Platform | KPIs | Statistics | Measurement period | Contextual questions

28 Period ready to be used 31

29

Period type
KPI measurement

KPI Period 01

From 1/1/2020 Until 2/28/2020

Cancel Save 30

28) When the **Period is ready to be used** (e.g., once data entry for the various platforms has been finished for this period), then flag it so that the period and relevant data can be shown/used in other functionalities of the tool (outside of the data management functionality).

29) Select the **Period type**, enter period title, enter starting and ending date of period.

30) **Save** the data.

31) Select the **KPIs** tab.

PLATFORM DATA MANAGEMENT

Accessible to role administrator

Platform data management

Platform **KPIs** Statistics Measurement period Contextual questions

KPI definition KPI values

33 Add new KPI

KPI ID	KPI name	KPI description	
KPI_01	Reaching user goals, needs and preferences	% Of users rating a positive satisfaction (e.g. >= 70%)	34 Edit
KPI_07	Easy-to-use	% Of users rating a positive easiness to use (e.g. >= 70%)	Edit
KPI_09	Privacy and data governance	Yes / No (Yes means that it complies with GDPR)	Edit
KPI_13	Quality of Life :)	Standardized questionnaire on QoL (e.g. EuroQol - EQ-5D, QOL-AD, etc.)	Edit
KPI_22	Safety	% Of users rating a positive safety (e.g. >=70%)	Edit
KPI_23	Trustability	% of users rating a positive trust (e.g. >=70%)	Edit
KPI_25	Services / applications offered	# Services and applications	Edit
KPI_28	Compliance/ Adherence to standards	# Of standards compliant	Edit
KPI_47	Integration level	Rating scale (5-point) [0 - very difficult, 4 - very easy]	Edit

In this view, the **KPI definition** sub-tab is loaded by default. The functionality of this tab pertains to the definition of a KPI metric. After the KPI has been defined, the associated data values for each of the platforms over particular periods of time can be stored in the tool by means of the **KPI values** sub-tab.

- 32)** View list of KPIs and their descriptions.
- 33)** The admin can click **Add a new KPI** and in order to introduce a new KPI metric and input its details. A new screen appears.
- 34)** The admin can click **Edit** the details of an existing KPI definition. A new screen appears. This will be shown next. This would be the same screen as when clicking 33, but with pre-filled data from the existing KPI metric.

PLATFORM DATA MANAGEMENT

Accessible to role administrator



1

2

3

4



Platform data management

Platform KPIs Statistics Measurement period Contextual questions

KPI definition KPI values **40**

KPI ID **35** KPI name

KPI description

Measurements units Default weight

Dimension User cluster

KPI category

Higher is better Yes No

Normalization values	Original value		To
	From		
0	<input type="text" value="0"/> %		<input type="text" value="50"/> %
1	<input type="text" value="50"/> %		<input type="text" value="70"/> %
2	<input type="text" value="70"/> %		<input type="text" value="80"/> %
3	<input type="text" value="80"/> %		<input type="text" value="90"/> %
4	<input type="text" value="90"/> %		<input type="text" value="greater"/> %

39

35) Edit **KPI ID**. The KPI ID cannot be edited in case of an existing KPI, but must be inserted manually in case of a new KPI, since it should directly correspond to a specific KPI in the PlatformUptake.eu methodology or an updated methodology to be potentially used in the future.

36) The administrator can edit the **KPI name**, the **KPI description**, its **Measurements units** and **Default weight** and choose from a list the **Dimension** and **User cluster** that the KPI belongs to.

37) The administrator can further select the **KPI category**. Depending on the category selected, the admin will be further able to select if “higher is better” for the particular KPI.

38) Once the KPI category has been selected (or if already selected for an existing KPI) the administrator can further view/provide the details of the normalization approach of this KPI. The next slide shows more options of the KPI Normalization approach depending on the KPI category selected.

39) **Save** data and go back to previous screen.

40) Select **KPI Values** sub-tab.

PLATFORM DATA MANAGEMENT | KPI normalisation approach

Accessible to role administrator

KPI category
Plain percentage

Higher is better
 Yes No

Normalization values

	Original value	To
	From	
0	[0 %	20 %)
1	[20 %	40 %)
2	[40 %	60 %)
3	[60 %	80 %)
4	[80 %	greater %)

Via the definition of the KPI normalization approach the administrator can specify the mappings between the original KPI values (or value ranges) and each of the predefined normalized values (i.e., integers in the range [0..4]). The normalization details needed (and the way that they are provided in the tool) depend on the category of the KPI (e.g., if the KPI is quantitative or qualitative) and other KPI characteristics (e.g., if higher-is-better is true or false). In case of qualitative KPIs the user can specify each of the expected original KPI values and their mapping to the normalised ones. Some examples for different categories of **quantitative KPIs** and higher-is-better values can be seen here.

KPI category
Percentage of a p...

Higher is better
 Yes No

Normalization values

	Original value	To
	From	
0	[0 %	50 %)
1	[50 %	70 %)
2	[70 %	80 %)
3	[80 %	90 %)
4	[90 %	greater %)

KPI category
Plain number

Higher is better
 Yes No

Normalization values

	Original value	To
	From	
4	[0 €	100 €)
3	(100 €	200 €)
2	(200 €	300 €)
1	(300 €	400 €)
0	(400 €	greater €)

PLATFORM DATA MANAGEMENT | KPI normalisation approach

Accessible to role administrator

KPI category
Qualitative compa... ▾

Normalization values	Original value	
0 ▾	Worse	
2 ▾	Same	
4 ▾	Better	

KPI category
Boolean ▾

Normalization values	Original value	
4 ▾	Yes	
0 ▾	No	

Further examples for different categories of **qualitative KPIs** can be seen here. Higher-is-better is not relevant in these cases.

In case that the KPI category is **Qualitative comparison**, the administrator can individually define a number of different expected values (original values) and specify how each one of them should be normalised in the range [0.. 4]. The administrator can remove any of these values by clicking on the **recycle bin** icon or add new ones by clicking on the **+** icon.



1

2

3

4



PLATFORM DATA MANAGEMENT

Accessible to role administrator

Platform data management

Platform | **KPIs** | Statistics | Measurement period | Contextual questions

KPI definition | **KPI values**

41

Period: Select a period
KPI Period 04(May...)

42

Platform		
KPI ID	KPI name	Original value
1	Reaching user goals, needs and preferences	82
7	Easy-to-use	85
9	Privacy and data governance	Yes
13	Quality of Life	Same
22	Safety	--

43

Platform		
KPI ID	KPI name	Original value
1	Reaching user goals, needs and preferences	30
7	Easy-to-use	82
9	Privacy and data governance	No
13	Quality of Life	Same
22	Safety	--

The functionality of this tab pertains to the storage of the values for the KPI metrics that have already been defined.

- 41) **Select a period** of measurement for KPIs (the latest period is selected by default).
- 42) View the KPI values for all platforms (for the selected measurement period).
- 43) **Edit** the original value of a particular KPI for a specific platform (for the selected measurement period). A pop-up screen appears.
- 44) In case of a **quantitative KPI** the user can **input** its numerical value.

ENTER/EDIT KPI VALUE

You are adding/editing the value of: Costs for period: KPI Period 05

KPI description: How much, and if, the Primary end-user pays to use the platform

Please, insert the value:

€

44

Cancel

Save

PLATFORM DATA MANAGEMENT

Accessible to role administrator

Platform data management

Platform KPIs Statistics Measurement period Contextual questions

KPI definition KPI values

47

Period Select a period
KPI Period 04(May...)

Platform AHA/AAL Demo Platform 1

KPI ID	KPI name	Original value	
1	Reaching user goals, needs and preferences	82	Edit
7	Easy-to-use	85	Edit
9	Privacy and data governance	Yes	Edit
13	Quality of Life	Same	Edit
22	Safety	--	Edit

Platform AHA/AAL Demo Platform 2

KPI ID	KPI name	Original value	
1	Reaching user goals, needs and preferences	30	Edit
7	Easy-to-use	82	Edit
9	Privacy and data governance	No	Edit
13	Quality of Life	Same	Edit
22	Safety	--	Edit

45) In case of a **qualitative KPI** the user can **select** its value from the pool of possible ones.

ENTER/EDIT KPI VALUE

AHA/AAL
Demo Platform 1

You are adding/editing the value of: Quality of Life for period: KPI Period 05

KPI description: Measures the degree to which the platform contributes to improving individual health, comfortability, and ability to participate in or enjoy life events

Please, select the value

Worse

Same

Better

45

Cancel

Save

46

46) **Save** the original value and go back to previous screen. The original value is automatically normalised according to the latest normalisation details defined for this KPI.

47) Select **Statistics** tab.

PLATFORM DATA MANAGEMENT

Accessible to role administrator



1

2

3

4



The screenshot shows the 'Platform data management' interface with the 'Statistics' tab selected. The 'Statistics definition' sub-tab is active. A table lists various statistics metrics with their characteristics. A green box highlights the table, and a callout '48' points to it. A callout '50' points to the 'Add new statistics' button. A callout '53' points to the 'Statistics values' sub-tab. A callout '49' points to an 'Edit' button in the table.

Statistics title	Is percentage	Higher is better	
Total page views	false	true	Edit
Total unique visitors	false	true	Edit
Bounce Rate	true	false	Edit
Number of Users	false	true	Edit
Number of new users	false	true	Edit
Number of sessions	false	true	Edit
Number of sessions per user	false	true	Edit
Page views	false	true	Edit
Number of pages per Session	false	true	Edit

The screenshot shows the 'Platform data management' interface with the 'Statistics' tab selected. The 'Statistics definition' sub-tab is active. A form is shown for editing a statistics metric. A green box highlights the form, and a callout '51' points to the 'Statistics title' field. A callout '52' points to the 'Save' button.

Statistics title
Total page views

Is percentage Yes No Higher is better Yes No

Cancel Save

In the **Statistics** tab the **Statistics definition** sub-tab is loaded by default. The functionality of this tab pertains to the definition of a statistics metric. After the statistics metric has been defined, the associated data values for each of the platforms over particular periods of time can be stored in the tool by means of the **Statistics values** sub-tab.

48) View list of statistics metrics and their characteristics.

49) The administrator can **Edit** the details of an existing Statistics metric definition. A new screen opens. See image below.

50) The administrator can also click **Add new statistics** metric and introduce its details. A new screen opens, but in this case all fields are initially empty. See image below.

51) Edit (or introduce) the **Statistics title** and characteristics, like the **Is percentage** and **Higher is better** Boolean fields of an already existing or new statistics metric.

52) **Save** the edited data and go back to previous screen. See image above.

53) Select **Statistics values** sub-tab.

PLATFORM DATA MANAGEMENT

Accessible to role administrator

1

2

3

4

Platform data management

Platform KPIs **Statistics** Measurement period Contextual questions

Statistics definition **Statistics values**

54

55

Statistics title	value	
AHA/AAL 1 Demo Platform 1		
Total page views	--	<input type="button" value="Edit"/>
Total unique visitors	33	<input type="button" value="Edit"/>
Bounce Rate	4	<input type="button" value="Edit"/>
Number of Users	--	<input type="button" value="Edit"/>
Number of new users	--	<input type="button" value="Edit"/>
AHA/AAL 2 Demo Platform 2		
Total page views	--	<input type="button" value="Edit"/>
Total unique visitors	--	<input type="button" value="Edit"/>
Bounce Rate	--	<input type="button" value="Edit"/>
Number of Users	150	<input type="button" value="Edit"/>
Number of new users	--	<input type="button" value="Edit"/>

56

In the **Statistics** tab, the functionality of the **Statistics values** sub-tab pertains to the storage of the values for the statistics metrics that have already been defined.

54) **Select a period** of measurement for the statistics. The latest period is selected by default.

55) View the statistics values of all platforms for the selected measurement period.

56) **Edit** the value of a particular statistics metric of a specific platform for the selected measurement period. A new screen opens:

Edit/add statistic value

AHA/AAL 1 Demo Platform 1

You are adding/editing the value of: Total unique visitors for period: Statistics Period 03

Please, insert the value:

57

57) **Edit or insert the value** of the Statistics metric.

58) **Save** the value and go back to previous screen..

58



Tutorial completed!

Congratulations! You have successfully completed this tutorial of the PlatformUptake.eu tool for platform providers!

1

1 You have learned that PlatformUptake.eu provides monitoring and self-evaluation tools to support platform providers and regular users to self-assess their success, uptake, capability gaps and evolution potential through smart assessment and visualisation tools.

2

2 If you are a **regular user**, you have learned to view statistics, KPIs and scores of the different platforms and compare platforms.

3

3 If you are a **platform provider**, additionally you have learned to view the feedback related to the development, usage and uptake of your platform, and to monitor your user communities and understand their needs.

4

4 If you are an **administrator**, you have additionally learned to introduce, edit and manage different types of data in the tool.





What is next?

1

2

3

4

Now you can ...



Register
at the PlatformUptake.eu
Open Information Hub

&



Access
the tool for platform providers
at the Open Information Hub

