

LIFE MICACC APPLICATION

USER'S GUIDE





LIFE-MICACC „NATURAL WATER RETENTION SOLUTIONS IN HUNGARY”

APPLICATION

The LIFE project entitled “Strengthening the integrating and coordinating role of local governments for adaptation to climate change” (LIFE-16 CCA / HU / 000115) was launched in September 2017. Within the framework of this project, natural water conservation solutions will be implemented in five Hungarian settlements exposed to the negative effects of climate change. We would like to present solutions of this model value to municipalities with similar climatic problems.

The LIFE-MICACC application aims to:

- present natural water retention solutions;
- share useful and up-to-date information about solutions with those interested;
- allow the submission of perceived (water-related) climatic problems;
- allow the sharing of developments involving implemented (or under implementation) natural water retention solutions;
- display (based on the notifications) the water-related challenges and best practices of the Hungarian settlements / river basins / regions, present the domestic situation;
- facilitate the sharing of knowledge and information between municipalities and other parties involved;
- support networking and thus the identification of possible future projects.



Our long-term goal with the application is that:

- as many Hungarian local governments as possible should get to know and test these so-called natural water retention solutions;
- municipalities integrate this approach, these solutions into their local plans, strategies, and decision-making mechanisms, and integrate them into the municipality's Regional Planning (Development Plans) practices;
- strengthen the coordinating role of local authorities in planning for adaptation to climate change and identifying emerging risks;
- improve the resilience of the most vulnerable Hungarian local governments to climate change by reducing the risks arising from climate change.

The knowledge, and the knowledge that has been updated in the meantime comes from water professionals and from each other, is from other municipalities, thus developing cross-sectoral communication and professional relations. An important target group is farmers, who are the most affected by climate and water balance change. Both sides will benefit in the long run from expanding their basic knowledge and from continuous communication and cooperation with local governments. In addition, like other problem-sharing applications, our goal is to increase the activity of people.





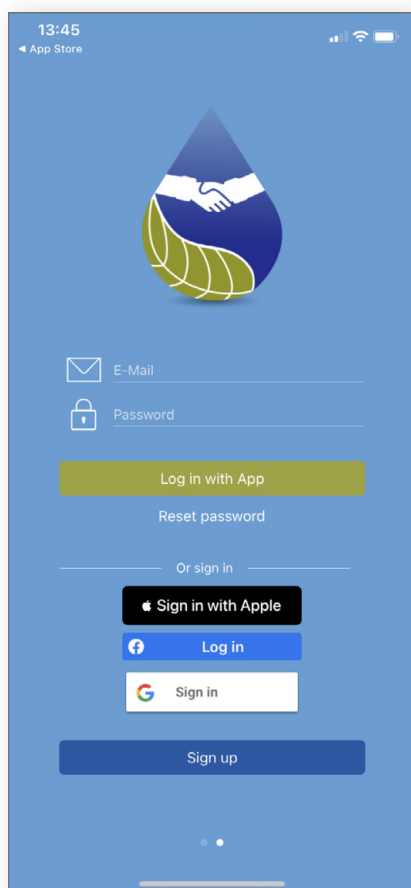
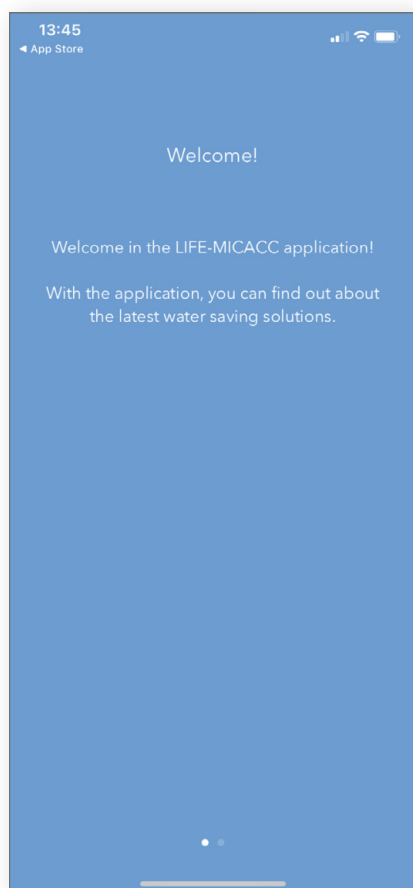
1. DOWNLOAD THE APPLICATION

You can download the app to devices running Android or iOS. Go to Google Play or the App Store. Search “LIFE-MICACC” app and download it.

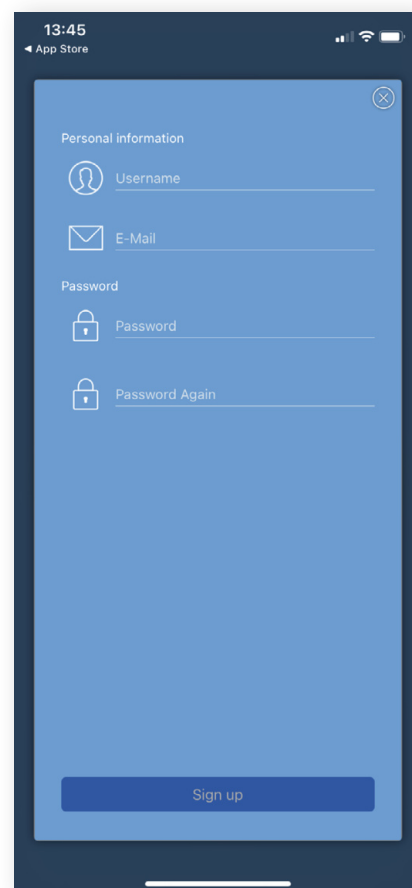
2. REGISTRATION

You can register for the app with your Facebook or Google user profile, so you can quickly and easily access the user interface later.

Normal registration is also possible by entering an e-mail address and a password.



Login



Registration

After entering your username and password, click the „Login” button.



3. STRUCTURE

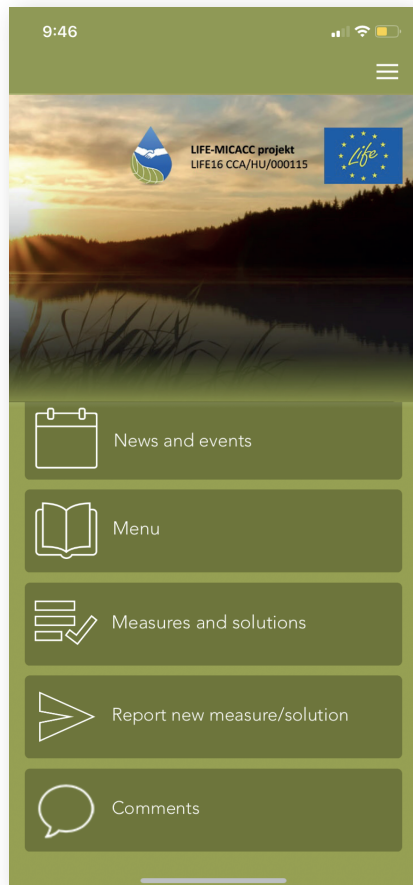
There are five main buttons on the main page: „News and events”, „Menu”, „Measures and solutions”, „Report new measure/solution” and „Comments”.

3.1. NEWS AND EVENTS

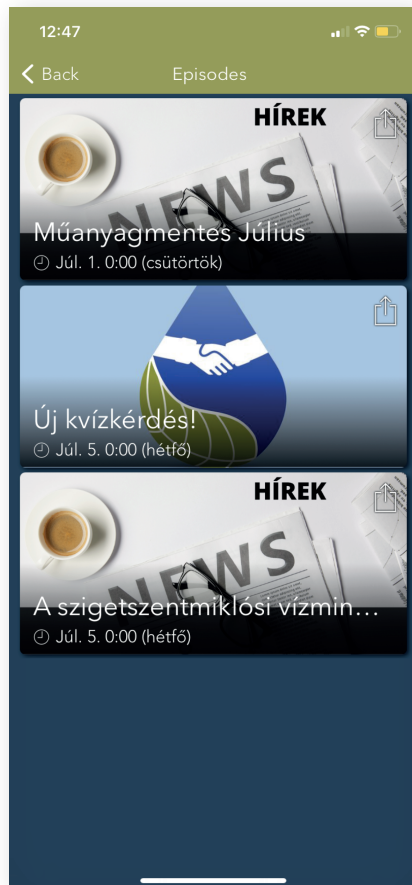
Under this menu item, you can read the news shared by the application administrators about natural water retention solutions. There are also notifications of incidents related to solutions. For each event and news menu item, you can write a comment by clicking on the speech bubble icon in the upper right corner.

3.2. MENU

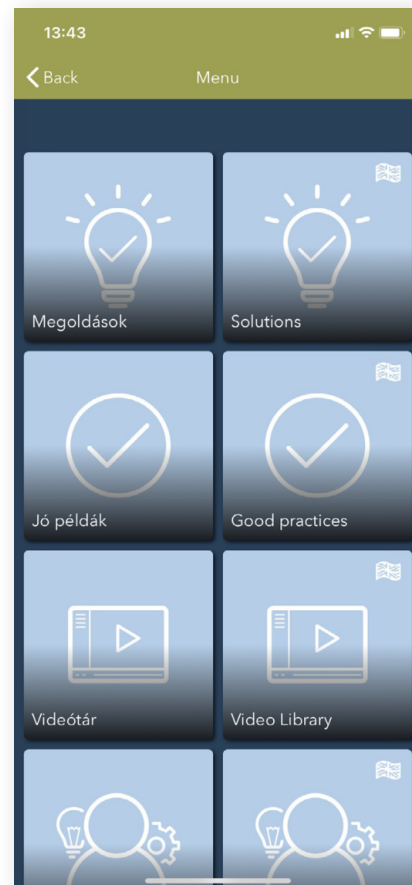
Under the Menu, you will find information on Natural Water Conservation, as the submenus below show. The icons on the left are the menu items in Hungarian, and the icons on the right are in English.



Structure



News and events

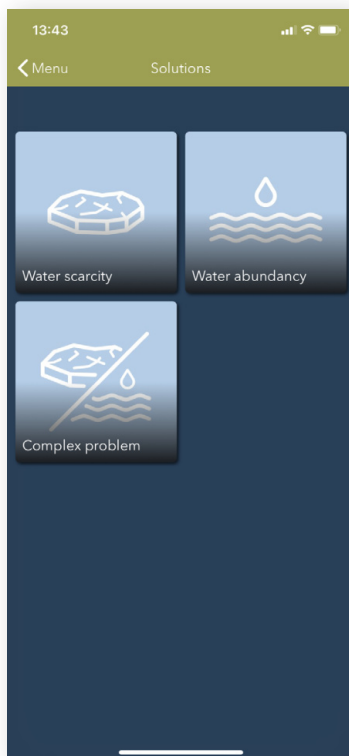


Menu

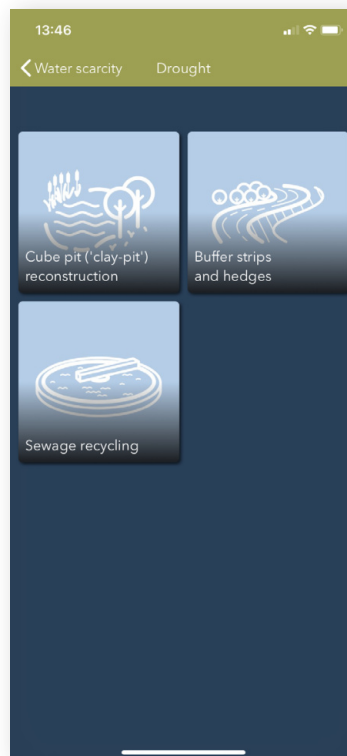


3.1.1. SOLUTIONS

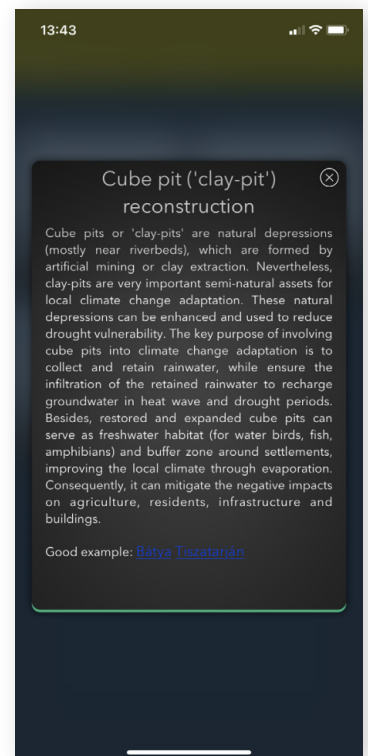
The application identified three main solution categories for water management. Water scarcity, Water abundance, Complex problem. The main problems have been divided into further subcategories, by entering which we can find out about the types of solutions and exactly what type of intervention the specific solution means. Use the x icon in the upper right corner to close the open window and return to the menu system.



Solutions



Drought subcategory



Description



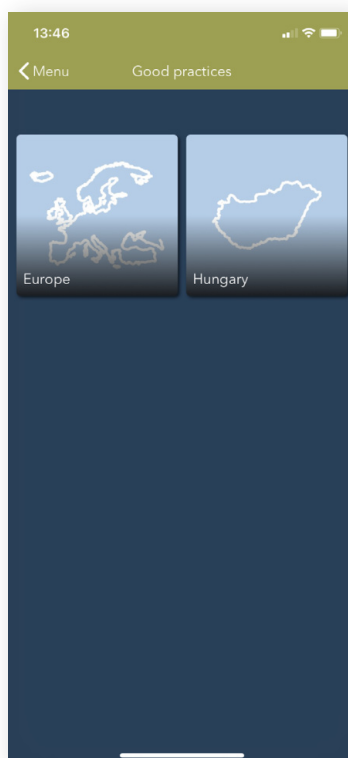
3.1.2. GOOD PRACTICES

On this interface we can see the natural water retention solutions implemented in Europe and Hungary in a map display. The application contains maps divided in to two main groups and three subcategories.

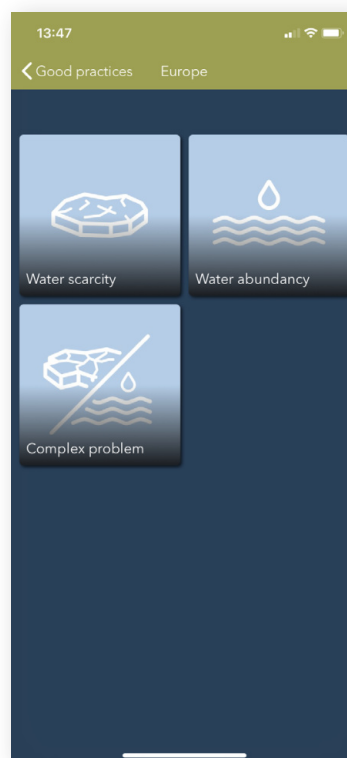
Main group: Europe and Hungary

Subcategory: Water scarcity, Water abundance, Complex problem

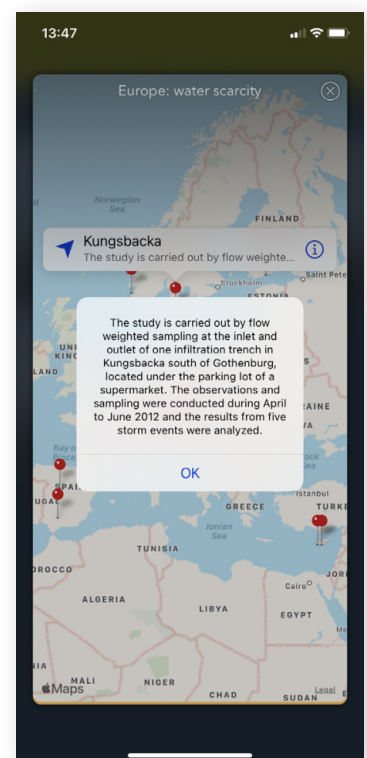
Click on the red dot on the maps to see the main title of the problem, and click on the „Info” button to see the full description.



Main groups



Subcategories

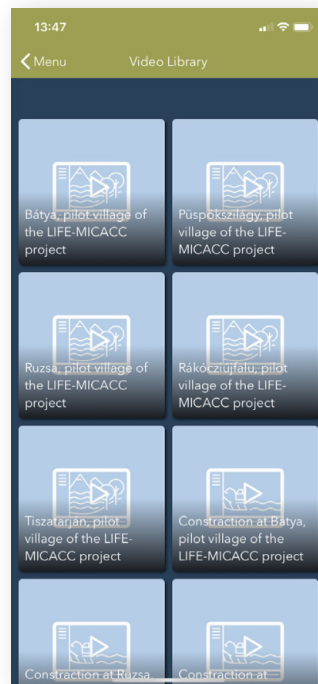


Map

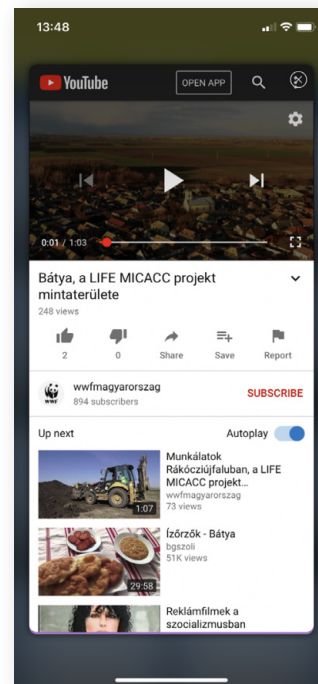


3.1.3. VIDEO LIBRARY

Under this menu item, video recordings of the pilot area scan be viewed.



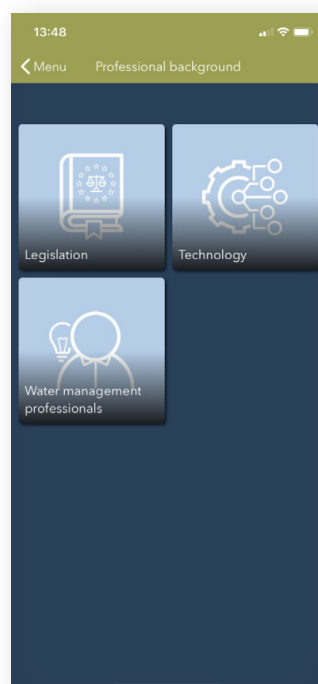
Video library



Video

3.1.4. PROFESSIONAL BACKGROUND

Under this menu item, those interested can find out more about water retention legislation, technologies and the contact details of water professionals.



Professional background

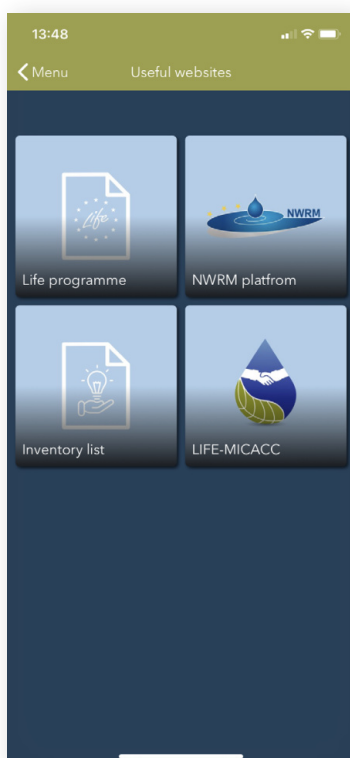


Legislation



3.1.5. USEFUL PAGES

- Life tenders (English), the LIFE program is the European Union's financial instrument in support of environment, nature conservation and climate policy projects, this website contains the tenders announced within the framework of this field in English.
- Life tenders, the LIFE program is the European Union's financial instrument in support of environment, nature conservation and climate policy projects, this website contains the tenders announced within the framework of this field in Hungarian.
- NWRM Collection, an information and project presentation website on natural water retention solutions operated by the European Union, in English.
- Collection of innovative solutions, the collection collects data on developments, products and services that can provide ecosystem-based assistance for the management and solution of regional and municipal water problems caused by climate change.
- KTSZ best practices, a collection of best practices on the website of the Association of Climate-Friendly Settlements, which does not only contain water retention solutions.
- LIFE-MICACC, the official website of the LIFE project LIFE16 CCA / HU / 000115 (LIFE-MICACC) entitled „Strengthening the integrating and coordinating role of municipalities in adapting to climate change”.



Useful pages



Life applications page

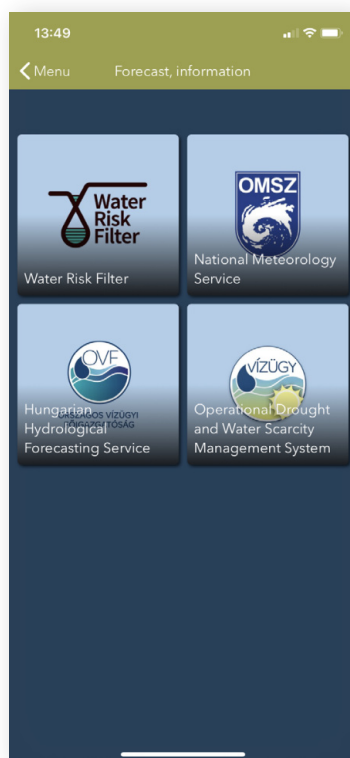


LIFE-MICACC official site

3.1.6. FORECASTS, DATA

Five water management websites are available in the forecasts menu.

- Water Risk Filter, a website operated by WWF to track the world's water problems.
- NATér, the 'National Adaptation GIS System' is a multifunctional GIS system that facilitates legislation, strategy building, decision-making and the establishment of the necessary measures for adaptation to the effects of climate change in Hungary.
- Website of the National Meteorological Service, where national weather data is available.
- The website of the Hungarian Hydrological Forecasting Service, where information regarding the actual hydrological data and hydrological forecasting is available.
- OVF drought monitoring website, where information on drought-weighted areas is available



Forecasts



Subpage

The x icon in the upper right corner can be used to close all open windows and return to the „Forecasts” menu item.



3.1.7. HELP

The full content of the User's Guide is available under Help menu item.

3.1.8. CONTACT

The contact details of the partners participating in the application can be found under the Contact menu item.

By clicking on the Local Governments submenu, you can see the 5 affected local governments on a map. By clicking on the info button, the region's website can be accessed.

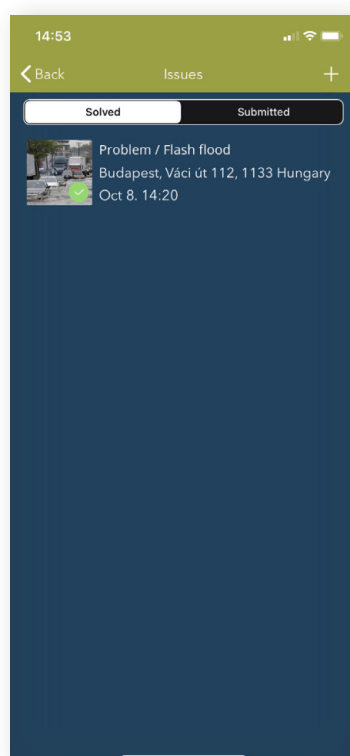
For the other professional partners, the contact information is available on a separate menu item.

3.3. MEASURES AND SOLUTIONS

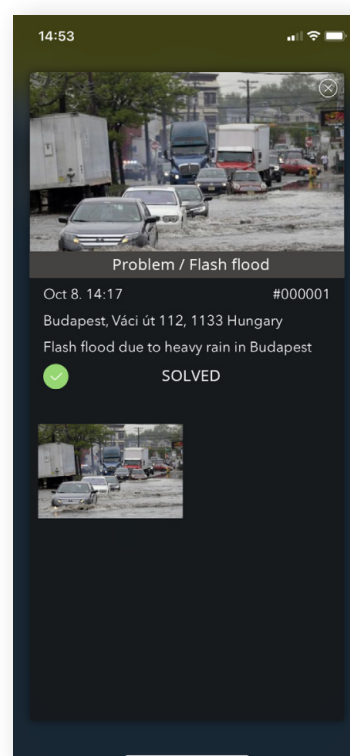
Under „Measures and solutions” you can view the reported water management measures and solutions. Within the menu you can choose from 2 tabs. On the one hand, we can see the list of solved problems, and on the other hand, we can see the reports we have submitted.

By clicking on the Measures button, images of the problem, the date of the upload, the report number (e.g. # 000003), the location, and a description of the problem can be seen.

Click the x in the upper right corner to return to the Solved or My Measures list.



Announcements



Subpage



3.4. REPORT NEW MEASURE / SOLUTION

Under the „New Report” form, a form will appear through which we can report any Problems or Solutions we experience.

1. Position - select location - by clicking on it, a map will appear showing your current location. If the problem or solution is here, all you have to do is click „Done” in the upper right corner. If you want to report a problem or solution in a location other than your current location, either move to the map and tap on the desired area, or enter the name of the region and public area you are looking for in the top search box. If you have the area you are looking for, click on „Done”.

2. Report Type: You can select the solution or problem from the drop-down list.

3. Photo: Click “Attach Image” to upload an image you have already taken from your phone’s gallery, or you can take an instant image by clicking “Take Photo”. Up to 3 images can be attached to the notification.

4. Description: a description of the problem or solution detected.

By clicking on the „Submit” button, we can send the notification to the application operator, who will record it in the „Notifications” in the application after the verification.

New report

3.5. COMMENTS

Under this menu item it is possible to write comments and initiate professional discourses.

Comments



4. SIDE MENU / iOS

Going back to the home page, you can access the side menu bar of the application by clicking on the upper right horizontal lines.

4.1. PROFILE

In the profile settings, you can check your profile information. In the privacy settings, you can export your data, delete your account, and activate features for the application. Click „Logout” to exit your current profile and log in with another one.

4.2. NEARBY

You can see content related to our current position, if available, and if you have enabled the use of GPS for the application on your device.

4.3. QUIZ

In this menu item, users can expand their knowledge of climate change and natural water retention solutions and problems in a playful way. Completed quizzes will be published under News and Events menu item.

4.4. QR CONTENT

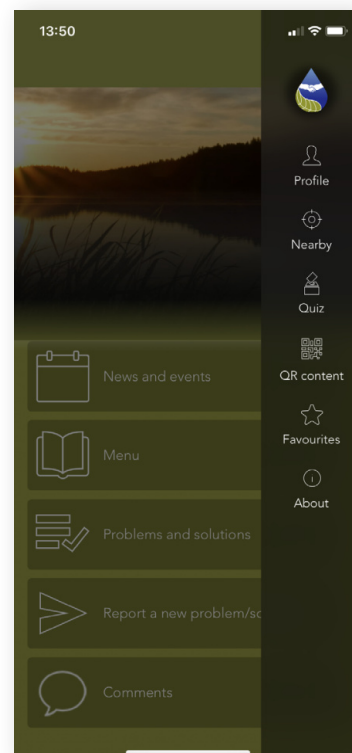
You can scan a QR code with the camera of your device, if available, and if you have enabled for the application the use of the camera. Click the top right button to start scanning.

4.5. FAVORITES

The events we marked with a star can be found here.

4.6. ABOUT

The version number of the application can be found here along with the contact details of the developer.





4. SIDE MENU / ANDROID

Going back to the home page, you can access the side menu bar of the application by clicking on the upper left horizontal lines.

4.1. DASHBOARD

Takes you back to the main menu.

4.2. NEARBY

You can see content related to our current position here, if available, and we have enabled the use of GPS for the application on our device.

4.3. QUIZ

In this menu item, users can expand their knowledge of climate change and natural water retention solutions and problems in a playful way. Completed quizzes will be published under News and Events menu item.

4.4. FAVORITE CONTENT

The events we marked with a star can be found here.

4.5. QR AND NFC CONTENT

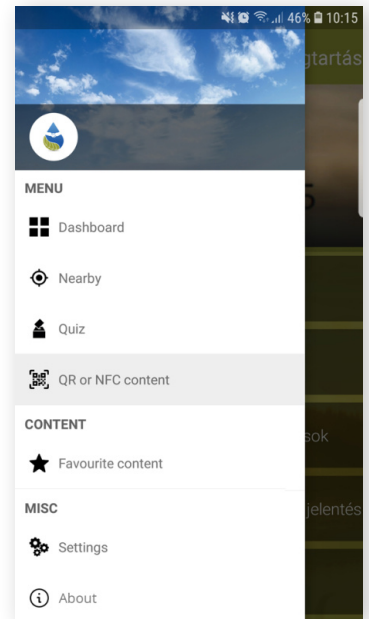
You can scan a QR code with the camera of your device, if available, and if you have enabled for the application the use of the camera. Click the top right button to start scanning.

4.6. SETTINGS

In the settings, you can check your profile information. In the account security settings, you can export your data, delete your account, and activate features for the application. Click „Logout” to exit your current profile and log in with another one. You can set up notifications and open the LIFE-MICACC website.

4.7. ABOUT

The version number of the application can be found here along with the contact details of the developer.





LIFE-MICACC projekt
LIFE16 CCA/HU/000115



Contacts:

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life@bm.gov.hu

<http://vizmegtartomegoldasok.bm.hu>

Useful pages:

<http://ec.europa.eu/environment/life>

<http://nwrn.eu>

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PROJECT'S PARTNERS

