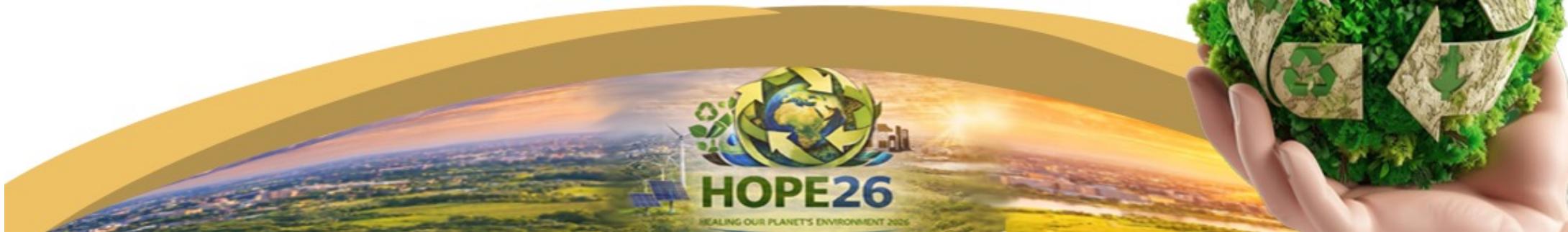




CAN WE RETHINK RESOURCES THROUGH A CIRCULAR ECONOMY?

March 31 st, 2026 9:00 AM - 3:30 PM
College of Engineering and Technology - Farsi Hall





CAN WE RETHINK RESOURCES THROUGH A CIRCULAR ECONOMY?



RESILINK: INCREASING RESILIENCE OF SMALLHOLDERS WITH MULTI-PLATFORMS LINKING LOCALIZED RESOURCE SHARING

RESILINK



Congduc PHAM

Coordinator of PRIMA S2 RESILINK
Professor, University of Pau, France

ACICT: Arab Company for Information and Communication Technology




Egypt

ARC: Agricultural Research Center




Egypt

INRA: National Institute of Agronomic Research




Morocco

Orange




France

UMCM: University Mohammed-Chérif Messaadia Souk-Ahras




Algeria

USMS: University Sultan Moulay Slimane




Morocco

UPPA: University of Pau & Adour Country




France

WAZIUP eV: WAZIUP association




Germany



March 31 st, 2026 9:00 AM – 3:30 PM

WHY THE RESILINK PROJECT?

Digital Tools can provide increased resilience for smallholder farmer communities in crisis situation



RESILINK promotes localized usage of resources between communities

RESILINK develops digital tools to provide continuity of access to resources and markets



RESILINK



 PRIMA
IN THE MEDITERRANEAN AREA

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CAN WE RETHINK RESOURCES
THROUGH A CIRCULAR ECONOMY?
HOPE26

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NO "ONE APP FITS ALL"



Competition → Isolation → Fragmented ecosystems ☹️

A platform-of-platforms approach will promote a much wider and appealing ecosystem 😊



RESICO LINK



→ Discover resources/services from other platforms
→ No isolation



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CAN WE RETHINK RESOURCES THROUGH A CIRCULAR ECONOMY?

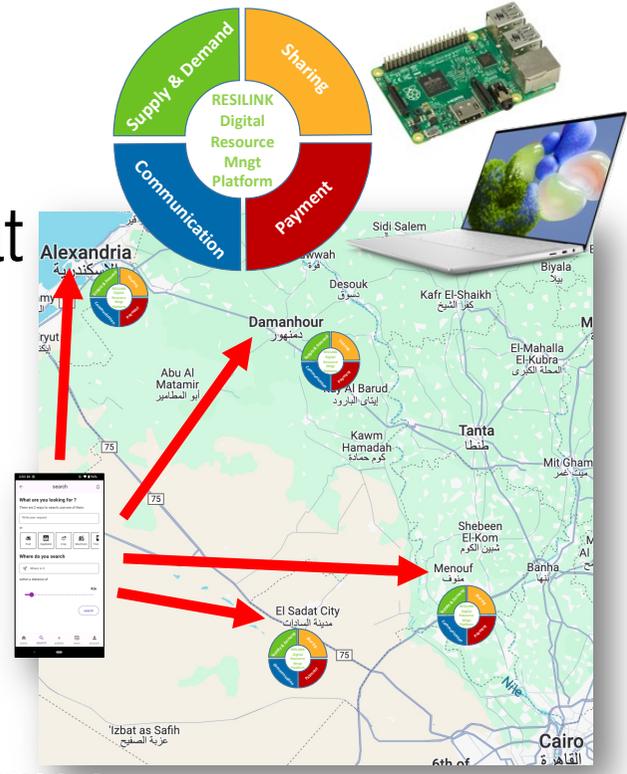
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THE INNOVATIONS BEHIND THE APP!

→ Develop lightweight Digital Platforms that can be quickly & locally deployed

→ Servers can be incrementally added for various geographical areas

→ Open APIs enable Platform-of-Platforms approach to extend the ecosystem



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QUICK DEVELOPMENT OF NEW PLATFORMS, STIMULATING LOCAL INNOVATIONS

Fast development of new applications by local entrepreneurs

New applications = new functionalities in the ecosystem

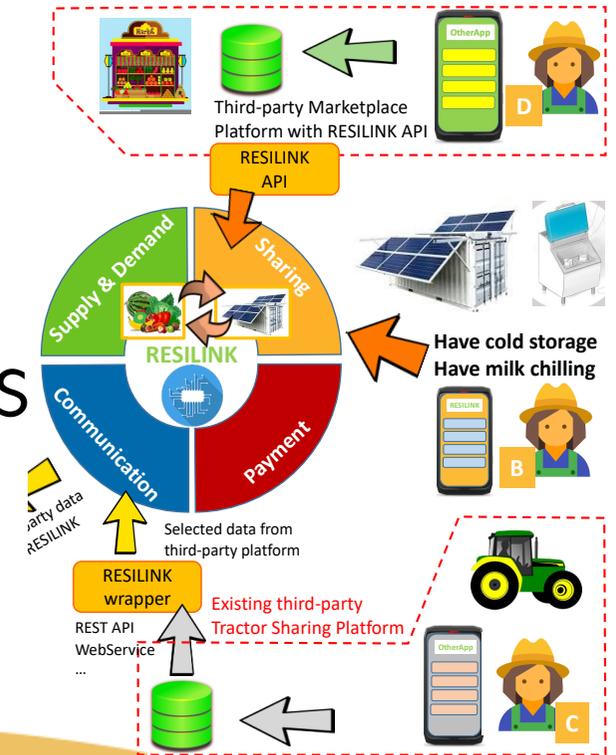
Collaboration instead of Isolation !

RESILINK



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PROGRAMME FOR RURAL INNOVATION AND RURAL TRANSITION
IN THE MEDITERRANEAN AREA

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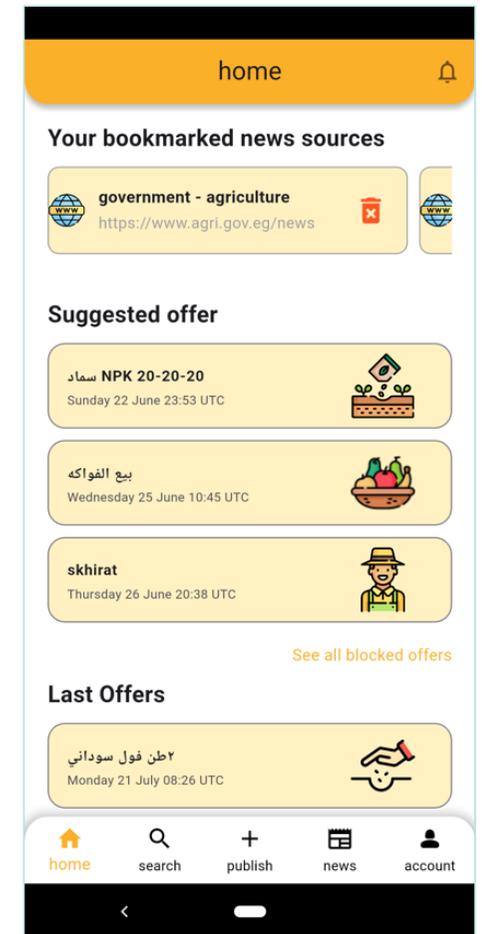
THE RESILINK DEMONSTRATOR

The RESILINK mobile application allows farmers to publish & search for resources

It connects smallholders to sharing opportunities, local distribution channels

Provides quick links to news & alarms from governmental agencies

March 31 st, 2026 9:00 AM - 3:30 PM



RESILINK



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IN THE MEDITERRANEAN AREA

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ALL SOFTWARE ARE OPEN SOURCE!

The BACK-END server is open source

The demonstrator mobile app FRONT-END developed with Flutter is open source

Documentations are available to install & deploy BACK-END

The demonstrator mobile app is an example of mobile app FRONT-END that can further be adapted & customized

RESILINK



PRIMA
IN THE MEDITERRANEAN AREA

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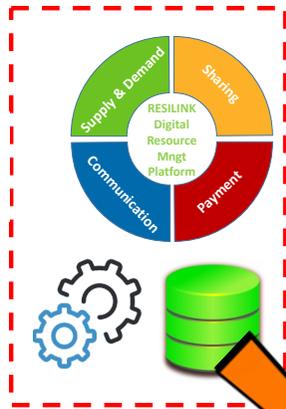


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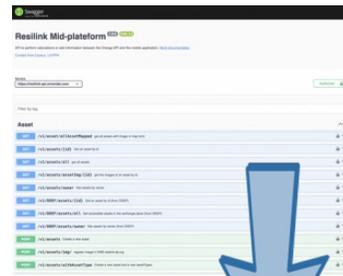
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TAKE THE MOST OUT OF GEN AI!

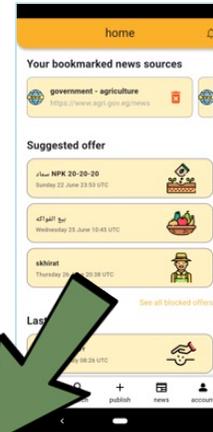
BACK-END SERVER



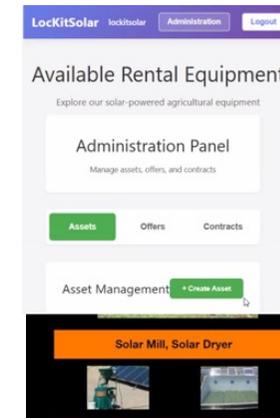
OPEN API



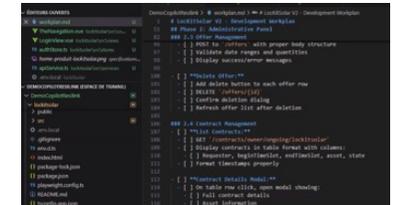
RESILINK MOBILE APP DEMONSTRATOR



ORANGE'S DEMONSTRATOR FOR SOLAR KIT RENTAL



DEMO BY ORANGE WITH COPILOT



RESILINK



This project is part of the Programme supported by European Union



CURSOR



Claude



replit



Gemini in Android Studio



AI Assistant by JETBRAINS

tabnine





CAN WE RETHINK RESOURCES
THROUGH A CIRCULAR ECONOMY?

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RESILINK MOBILE APP ON GOOGLE PLAY

INSTALL THE APP
CREATE AN ACCOUNT
AND START PUBLISHING OFFERS
TO CREATE A COMMUNITY

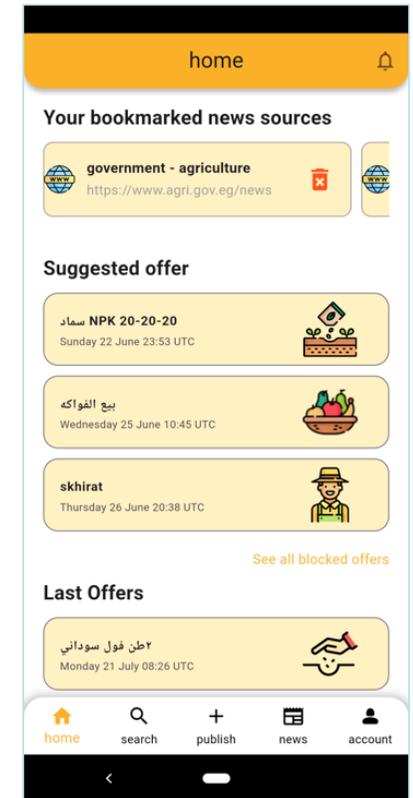
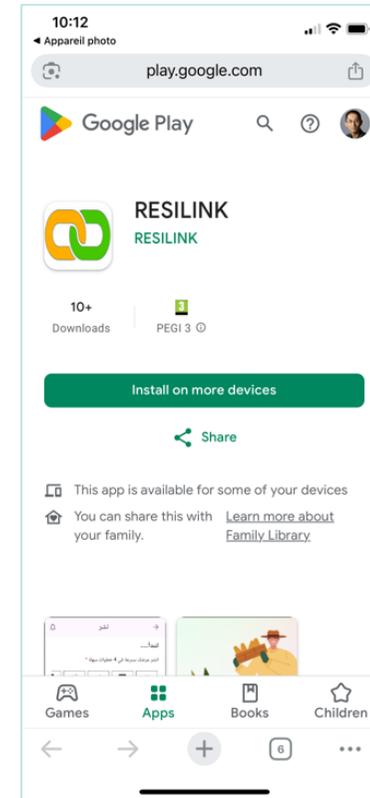
RESILINK



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FLASH TO INSTALL





**CAN WE RETHINK RESOURCES
THROUGH A CIRCULAR ECONOMY?**

March 31 st, 2026 9:00 AM – 3:30 PM

BEHIND THE SCENE: INTERVIEWS & WORKSHOPS

March 2023 to Oct. 2023 in Algeria, Egypt and Morocco



**IT IS IMPORTANT TO CATCH SOCIOLOGICAL ASPECTS
AND UNDERSTAND THE FARMER'S EXPECTATIONS**

Jan 2024 to May 2024

From March 2023 to May 2024, a series of workshops and interviews with questionnaires and then with the RESILINK mobile application mockup have been conducted by our Algerian, Egyptian and Moroccan research teams to ensure that proposed functionalities meet the farmers' needs and expectations. It was a great source of information to prepare the piloting in Living-Lab mode. Congrats to UMCM (Algeria), ARC (Egypt), INRA & USMS (Morocco) for their hard work!

RESILINK



PRI
IN THE MEDITERRANEAN





CAN WE RETHINK RESOURCES THROUGH A CIRCULAR ECONOMY?

March 31 st, 2026 9:00 AM – 3:30 PM

BEHIND THE SCENE: INTERVIEWS & WORKSHOPS

Dec. 10th, 2024, Morocco

Dec. 10th, 2024. As part of the RESILINK Evaluation Program, INRA in Morocco has started several sessions to install and use the RESILINK Mobile Application. The Evaluation sessions were held in the Labrachoua village. Farmers were able to install and thoroughly test with the mobile application. As farmers are familiar to the farm environment, discussions have been held in a relaxed manner, easing the collection of feedback after the installation and the demonstration of the application.



Nov. 18th, 2024, Egypt



Dec. 26th, 2024, Morocco

ORGANISE
UNE FORMATION
L'INNOVATION TECHNOLOGIQUE AU SERVICE D'UNE AGRICULTURE RÉSILIENTE

JEUDI 26 DÉCEMBRE 2024
FACULTÉ POLYDISCIPLINAIRE, BENI MELAL
HTTPS://RESILINK.AU

MODÉRATION: Pr. Samira KRIMISSA
COORDINATION: Pr. Mustapha NAMOUS Pr. Abdenbi ELALOU

Jan. 5-6, 2025, Egypt



Nov. 19th, 2024, Morocco

DEPARTEMENT DES SCIENCES DE LA TERRE
MASTER GÉOMATIQUE ENVIRONNEMENTALE
ORGANISE
WORKSHOP
AL MOUTMIR ET SES SERVICES DE VULGARISATION AGRICOLE

PROGRAMME

- 09:00 - 09:30 Accueil des participants
- 09:30 - 10:00 Mot d'accueil (Dr. A. ABDELMALIK, Directeur de la 1^{ère} Master Géomatique)
- 10:00 - 10:30 Présentation des objectifs du programme (Dr. A. ABDELMALIK)
- 10:30 - 11:00 Présentation du programme (Dr. ABDELMALIK et ses collègues (Dr. ABDELMALIK))
- 11:00 - 11:30 Présentation de l'axe de recherche (Dr. ABDELMALIK et ses collègues (Dr. ABDELMALIK))
- 11:30 - 12:00 Déjeuner
- 12:00 - 12:30 Réunion de travail
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MARDI 19 NOVEMBRE 2024
ANFPA DES CONFÉRENCES
FACULTÉ DES SCIENCES ET TECHNOLOGIES, BENI MELAL

COORDINATION: Pr. Abdelghani BOUDHAR Pr. Abdenbi ELALOU



RESILINK



PR
PROMOTING RESILIENCE
IN THE MEDITERRANEAN





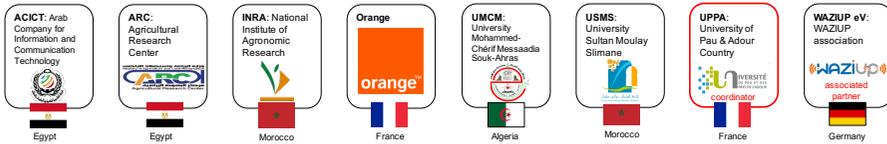
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RESILINK



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Thank you!
FARMERS, STAKEHOLDERS,
COLLABORATORS, ETC.



**University Mohammed-Chérif
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Dr Filali Latrèche's Team

- Dr LATRECHE Filali
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- Dr MAARFIA Sarra
- Dr SALHI Sabrina
- Mr BENADID Sadek
- Mr MAKHLOUFA Omar
- Mr SOUFANE Abdelwahid
- Ms DIB Sarra
- Ms FERHI Zineb
- Mr MERESSIA Hichem



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- Dr. Aouatif BENALI
- Dr. Tarik BENABDELOUAHAB
- Dr. Fouad ELAME
- Dr. Naoufel BENFADIL
- M. Abedenabi SAADI
- M. Bouazza BENKMIL
- Mrs. Majda RADOUANI
- Mrs. Imane Mourni
- M. Baldé Mamadou dian
- M. Nacer LKAHAL
- M. Djibril Taibou
- M. Lamrini KOTB
- M. Jaliil DAUDI
- M. Chafaie MERCHICHE



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- Prof. Abdenbi ELALOU
- Prof. Abdelghani BOUDHAR
- Dr. Maryem ISMAILI
- Dr. Hasna ELOUDI
- Ms. Fatima Ezzahra EL KAMOUNI
- Ms. Meryem EL BOUZEKRAOUI
- Ms. Sana ELOMARI
- Ms. Sonia HAJJI
- M. Mohamed Chikh ESSBITI
- M. Oussama NAIT-TALEB



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- Prof. Dr. Souad A. Shairra
- Prof. Dr. Nahla A. Awad
- Dr. Bassem F. Awad
- Dr. Ahmed A Dapour
- Agri., En. Amaal M. Mohamed
- Agri., En. Hanaa T. Abd Allah
- Agri., En. Soliman Abd El Azeim
- Agri., En. Ahmed S. El Sayed

