



DEVELOP CALL

Financial Support for Third Parties

Final Report Part A (Public)

LocalLinks.AI

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Project title	<i>LocalLinks.AI – Data-driven mapping of short food supply chains in rural–urban regions</i>
Project short name	<i>LocalLinks.AI</i>
Pilot Region	<i>Pilot Area No. 6 – Bavarian–Czech Cross-Border Rural Innovation Network (Pilsen region – Pošumaví focus)</i>
Organisation	<i>Šumavaprodukt s.r.o.</i>
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- *This deliverable will be public. Please make sure that the main content of the report doesn't include any sensitive information. Any sensitive information should be included in Part B of the report.*
- *Feel free to add additional subsections into the template's structure.*
- *Authors are expected to reflect on the KPIs, impacts, methodologies, and other aspects outlined in their original proposal throughout the report.*

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Executive Summary

Purpose: Provide a concise, non-technical overview suitable for publication.

- *Project objectives and scope*
- *Key activities during the reporting period*
- *Main results achieved*
- *Expected or achieved impacts*
- *Key next steps (mid-term) / overall conclusions (final)*

Length: 1 page maximum

Final report: more emphasis on achieved impact and legacy

LocalLinks.AI was developed within the PoliRuralPlus Develop Call to support the identification, management, and visualisation of short food supply chains in the Bavarian–Czech Cross-Border Rural Innovation Network. The project addressed a common challenge faced by regional food systems: the lack of structured and up-to-date information about relationships between producers, sales outlets, institutions, and consumers. The project combined stakeholder engagement, AI-assisted data acquisition, regional data integration, and interoperability with PoliRuralPlus tools to create a practical digital solution for mapping and analysing regional supply networks. Building upon existing regional initiatives such as the Atlas of Regional Specialities and the Digital Marketplace, the project focused on developing a sustainable and reusable framework for collecting, maintaining, and visualising supplier–customer relationships.

During the implementation period, the project successfully delivered an operational beta platform, **LocalFarmsAI**, available through the localfarms.ai domain. The platform supports AI-assisted collection and validation of regional data, management of producer and customer records, classification of sensitive information, and export of datasets in multiple formats. Automated integration with Atlas enables spatial visualisation of collected information, while integration with Jackdaw provides AI-assisted access to data through natural-language queries.

At project completion, the LocalLinks.AI database contained information on **175 producers, 220 sales outlets, and 460 documented supplier–customer relationships**, exceeding the main targets defined in the project proposal. The solution was validated through cooperation with regional stakeholders and is already being used in regional development activities and data maintenance processes.

The project generated impacts at multiple levels. Technically, it demonstrated the feasibility of combining structured regional datasets, AI-assisted workflows, spatial visualisation, and GeoAI services within a single interoperable environment. Organisationally, it established a sustainable framework for maintaining and extending regional datasets through cooperation between project partners, regional stakeholders, and supporting organisations. From a regional development perspective, the project improved the visibility of local producers and created a valuable evidence base for supporting short food supply chains and data-driven decision-making. Beyond its direct outputs, LocalLinks.AI contributes a transferable methodology and technical framework that can be reused in other regions and application domains. The project demonstrates how local stakeholder knowledge, AI technologies, and interoperable digital platforms can be combined to strengthen regional ecosystems and support rural innovation.

LocalLinks.AI successfully achieved its objectives and delivered a practical, scalable, and sustainable contribution to the PoliRuralPlus ecosystem. The developed platform, datasets, and integration mechanisms provide a solid foundation for future expansion, replication, and continued use beyond the lifetime of the project.

1. Project Overview

- *Context and rationale*
- *Alignment with the call objectives and selected pilot region(s)*
- *Target users and stakeholders*
- *Short description of the solution / service / methodology*

Context and rationale

Short food supply chains (SFSC) play a key role in sustainable rural development, yet in many regions information about relationships between producers, sales outlets, and consumers remains fragmented or unavailable. In the selected pilot region, covering the Pilsen region with a focus on the Pošumaví, small and medium-sized producers often lack access to digital tools enabling systematic presentation and activation of their supply relationships. LocalLinks addresses this gap by building on existing regional initiatives, such as the Digital Marketplace and the Atlas of Regional Specialities. The project responds to the need for structured, interoperable, and up-to-date data that can support local markets, public decision-making, and cross-sectoral cooperation in rural–urban regions.

Alignment with the call objectives and selected pilot region(s)

LocalLinks is fully aligned with the objectives of the PoliRuralPlus Develop Call, in particular with the ambition to support pilot-level innovation, strengthen data-driven rural development, and contribute reusable digital solutions to the PoliRuralPlus ecosystem.

The project is implemented within Pilot Area No. 6 – the Bavarian–Czech Cross-Border Rural Innovation Network, where strengthening short food supply chains, territorial identity, and digital capacities are key priorities. The pilot approach enables close cooperation with regional stakeholders, validation of real-world use cases, and preparation for future cross-border replication.

Target users and stakeholders

The main target users and stakeholders of the LocalLinks project include:

- Local producers and farmers, who gain tools to document, visualise, and manage their customer relationships.
- Sales outlets and institutional buyers, such as local shops, restaurants, school canteens, and catering services, who benefit from improved access to regional suppliers.
- Public sector and development organisations, including municipalities, Local Action Groups (LAGs), and regional development agencies, using aggregated data to support planning and policy design.
- Citizens and consumers, who indirectly benefit from increased transparency and accessibility of regional products.
- PoliRuralPlus tool developers and users, who benefit from interoperable data and tested integration scenarios.

Short description of the solution / service / methodology

LocalLinks delivers a digital solution for the systematic collection, validation, and visualisation of producer–customer relationships within regional food systems. The solution combines questionnaire-based data collection, AI-supported semi-automated data enrichment from public sources, and spatial visualisation of supply relationships.

A key methodological principle is interoperability with the PoliRuralPlus ecosystem, achieved through integration with tools such as Atlas and Jackdaw, including pilot implementation of a GeoAI chatbot enabling natural-language queries over spatial data. The solution is designed as modular and replicable, allowing its transfer to other regions and pilot areas.

2. Progress Against Objectives and Work Plan

- *Objective description*
- *Work plan progress*
 - *Summary of activities carried out*
 - *Reference to planned phases/tasks*
 - *Milestones and deliverables status (status achieved / ongoing / delayed)*
- *Deviations from the work plan and corrective actions*
 - *Description of the deviation (what changed compared to the approved plan)*
 - *Reason for the deviation (technical, organisational, external) Corrective action taken or planned*
 - *Impact on objectives, timeline, or results (if any)*

Mid-term: focus on progress and partial results

Final: focus on completion and achieved outcomes

Objective Description

The overall objective of the LocalLinks.AI project was to develop and validate a digital solution supporting the collection, management, and visualisation of supplier–customer relationships within regional food systems. The project aimed to strengthen short food supply chains through improved availability of structured data, enhanced interoperability with PoliRuralPlus tools, and the use of AI-assisted methods for data acquisition and maintenance. The project combined stakeholder engagement, data collection, software development, and integration with the PoliRuralPlus ecosystem. Particular emphasis was placed on practical applicability, ease of use, and future transferability of the solution to other regions.

Work Plan Progress

The project was implemented according to the approved work plan and completed within the planned timeframe. Activities were organised in two phases:

- **Phase 1 (October 2025 – January 2026)** focused on requirements analysis, stakeholder engagement, design of the data structure, development of a functional prototype, and initial pilot testing.
- **Phase 2 (February 2026 – June 2026)** focused on further development of the solution, expansion of datasets, validation of functionalities, optimisation of interoperability with PoliRuralPlus tools, user testing, and dissemination activities.

The phased approach allowed iterative refinement of both the technical solution and the underlying data model based on feedback from users and stakeholders.

Summary of Activities Carried Out

During the project, the following key activities were completed:

- Identification and engagement of target stakeholder groups, including producers, sales outlets, regional development organisations, and technical partners.
- Organisation of stakeholder workshops, technical consultations, and pilot testing activities.
- Analysis of existing regional datasets and development of an extended data model for supplier–customer relationships.
- Development of the LocalFarmsAI Editor for AI-assisted acquisition, validation, and management of producer information.
- Implementation of functionality for recording and visualising supplier–customer relationships.
- Development of interoperability connectors enabling integration with Atlas and Jackdaw.

- Deployment of an operational beta version of the platform.
- Collection, validation, and publication of regional datasets.
- Communication and dissemination activities targeting stakeholders and the wider PoliRuralPlus community.

Reference to Planned Phases and Tasks

All activities described in the approved proposal were implemented. The project successfully completed both planned phases and achieved the intended transition from a functional prototype towards an operational beta solution integrated with the PoliRuralPlus ecosystem.

The implemented activities remained fully aligned with the objectives and scope defined in the original application.

Milestones and Deliverables Status

Milestone / Deliverable	Planned Date	Final Status
Identification of target groups	Q4 2025	Achieved
Stakeholder workshops and consultations	Q4 2025 – Q2 2026	Achieved
Data analysis and data structure design	Q4 2025	Achieved
Functional prototype development	January 2026	Achieved
Integration with Atlas	Q1–Q2 2026	Achieved
Integration with Jackdaw	Q1–Q2 2026	Achieved
Operational beta deployment	Q2 2026	Achieved
Dataset collection and validation	Q1–Q2 2026	Achieved
Final reporting and dissemination	Q2 2026	Achieved

Achievement of Key Performance Indicators

The project successfully achieved or exceeded all major performance indicators defined in the proposal.

Category	Indicator (KPI)	Target value	Achieved value	Status
Producer involvement	Number of producers involved in the system/database	≥ 50	175	Achieved
Data network	Number of mapped supplier-customer relationships (who-what-where)	≥ 100	460	Achieved
Map visualization	Deploying an interactive map with a data layer of links	1	1	Achieved
Using a chatbot (Jackdaw)	Number of questions asked via the spatial chatbot interface	≥ 100	113	Achieved
Media outlets	Articles in the media or on the	≥ 2	2	Achieved

	organization's website			
Blog posts	Posts on the PoliRuralPlus platform	≥ 3	4	Achieved
Social networks	Created and published summaries for social networks	≥ 3	5	Achieved
Active users of the tool	Number of unique users testing or using the system	≥ 50	64 (53 Atlas + 11 Locals farms)	Achieved
Tool documentation	User manual	1	1	Achieved
Replication/best practices	Number of good practice examples included in the Atlas or shared with partners	≥ 5	6	Achieved

Deviations from the Work Plan and Corrective Actions

No significant deviations from the approved work plan occurred during the project.

Several minor technical adjustments were introduced during implementation, mainly related to optimisation of data structures, enhancement of interoperability mechanisms, and refinement of AI-assisted data acquisition workflows. These adjustments were introduced as a result of stakeholder feedback and practical testing.

Impact on Objectives, Timeline, and Results

The implemented adjustments had no negative impact on project objectives, timeline, or expected outcomes. On the contrary, iterative refinement contributed to improved usability, data quality, and interoperability of the final solution.

The project was completed within the planned implementation period and achieved all major objectives defined in the proposal.

3. Technical Results and Outputs

- *Description of the developed and functioning prototype of the digital application, and any other tools, services, datasets, methodologies*
- *Technical maturity (e.g. prototype, pilot deployment, operational)*
- *Screenshots, diagrams, links to demos or repositories (if public)*
- *Interoperability and standards used (if relevant)*

Final report additions:

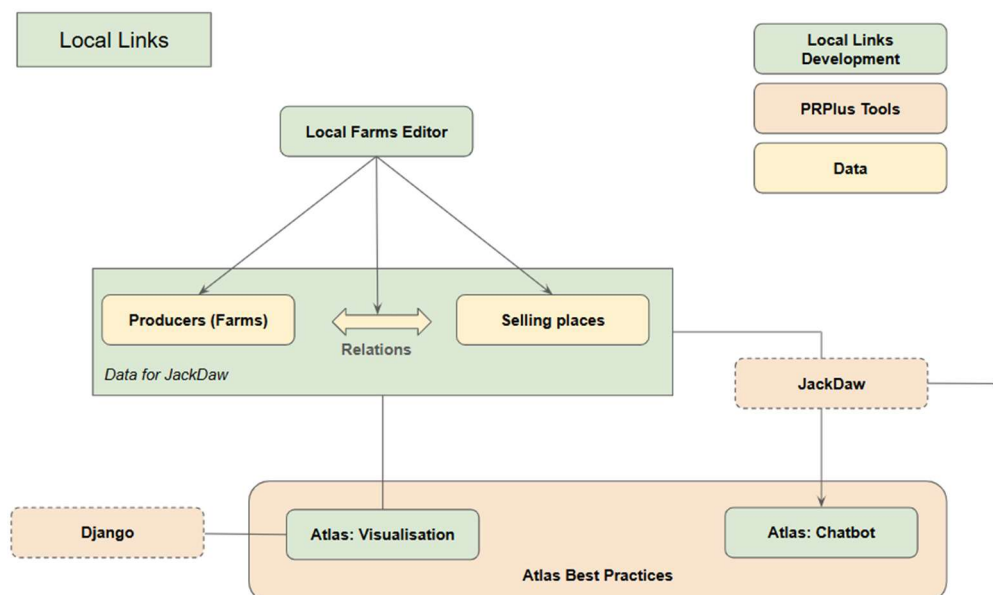
- *Final architecture / solution description*
- *Access instructions (if applicable)*
- *Sustainability or maintenance considerations*

Description of the Developed Solution

During the project, the LocalLinks.AI initiative evolved from an initial functional prototype into an operational beta platform supporting the collection, validation, management, and visualisation of supplier–customer relationships within regional food systems.

The developed solution consists of several interconnected components that together create a comprehensive environment for mapping short food supply chains:

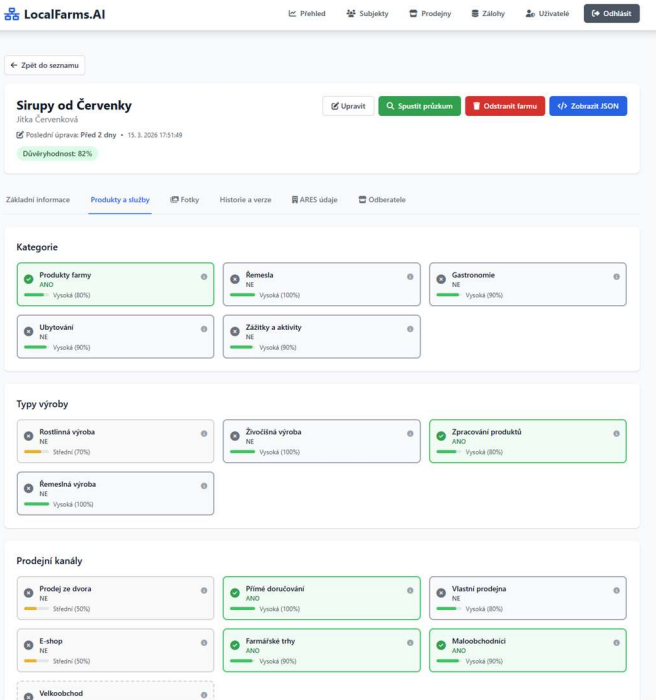
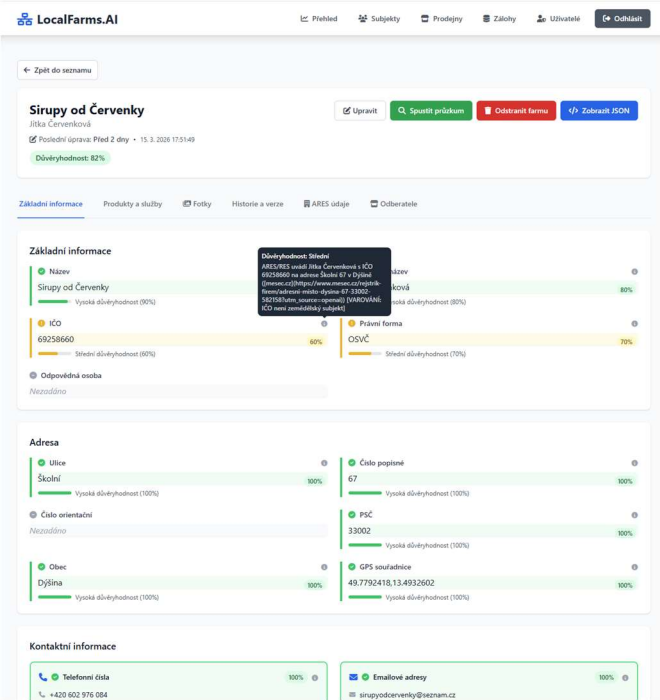
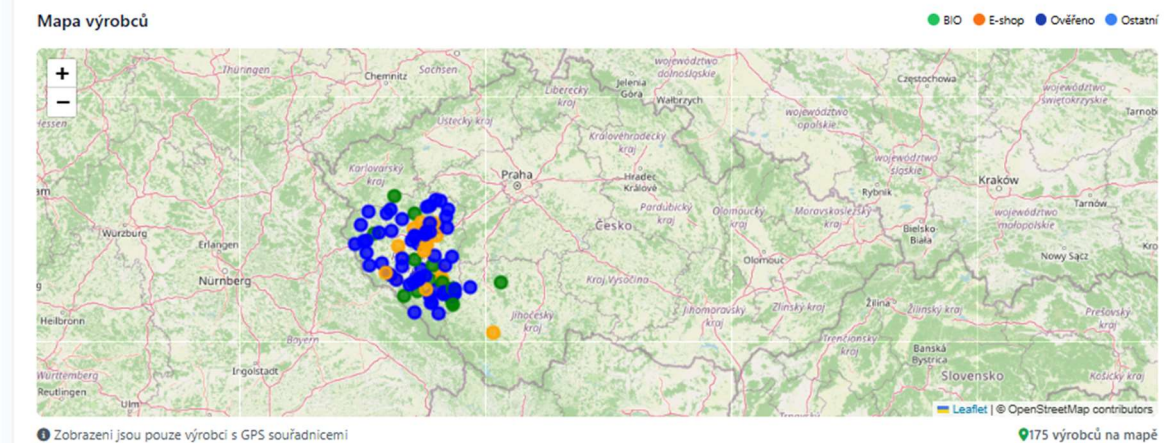
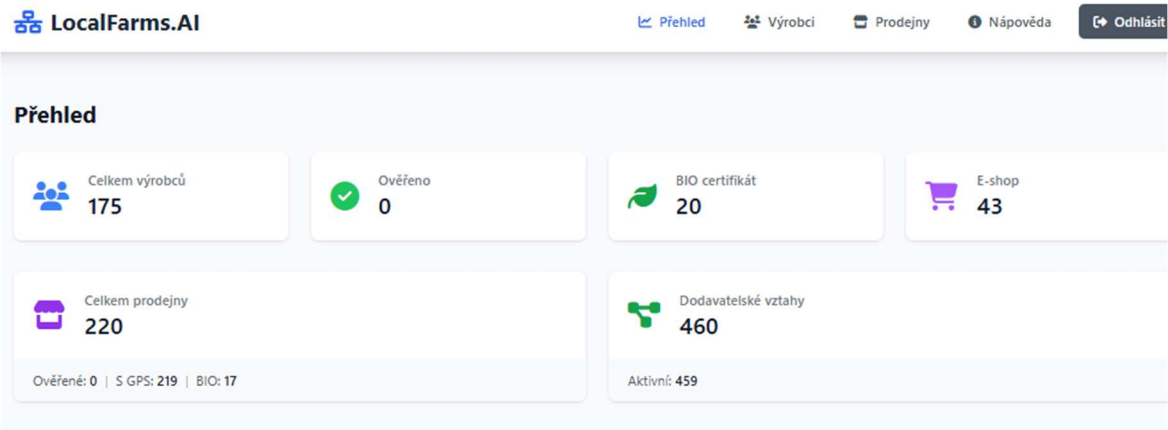
- **LocalFarmsAI Editor** for data acquisition, management, and validation,
- **Atlas integration layer** for spatial visualisation and exploration of collected data,
- **Jackdaw integration** for AI-assisted querying and knowledge discovery,
- data synchronisation and interoperability services connecting the individual components.

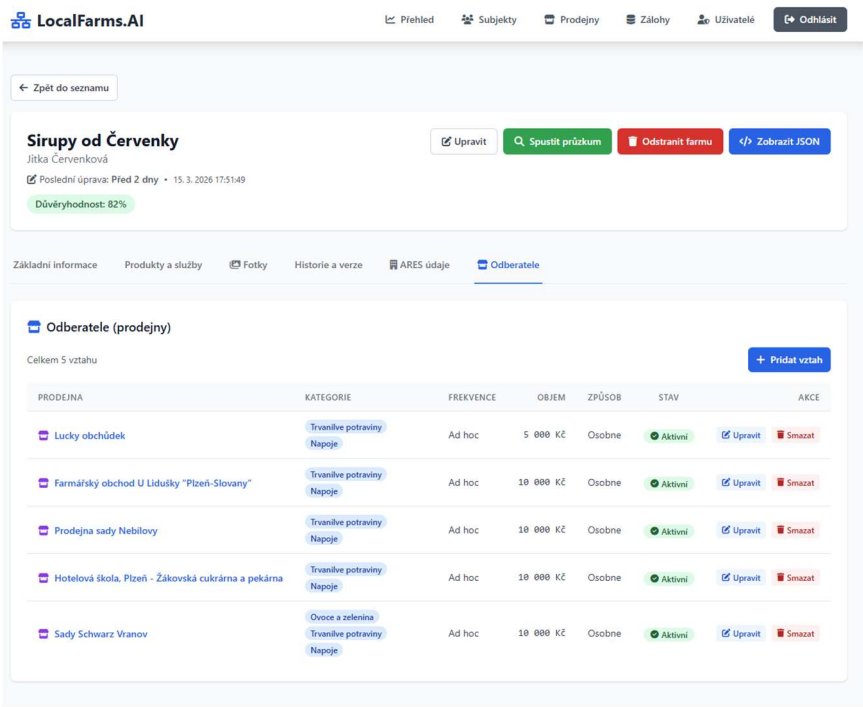


The solution builds upon previous regional initiatives, including the Digital Marketplace and Atlas of Regional Specialities, while introducing new functionality focused on supplier–customer relationships and AI-assisted data management.

LocalFarmsAI Editor

The LocalFarmsAI Editor represents the core component of the developed solution. The platform supports semi-automated acquisition and maintenance of information about regional producers, sales outlets, and their relationships.





Key functionalities include:

- AI-assisted identification and enrichment of producer information from publicly available sources,
- verification of selected attributes against official public registers,
- confidence scoring and assessment of information reliability,
- management of supplier–customer relationships,
- support for structured stakeholder survey data,
- export of data in Excel, CSV, and JSON formats,
- advanced search and filtering capabilities.

The platform is publicly accessible through the **localfarms.ai** domain and has been available in beta operation since April 2026.

At the time of reporting, the database contains:

Dataset	Quantity
Producers	175
Sales outlets	220
Supplier–customer relationships	460

The database continues to grow as additional records are being validated and incorporated.

Atlas Integration and Spatial Visualisation

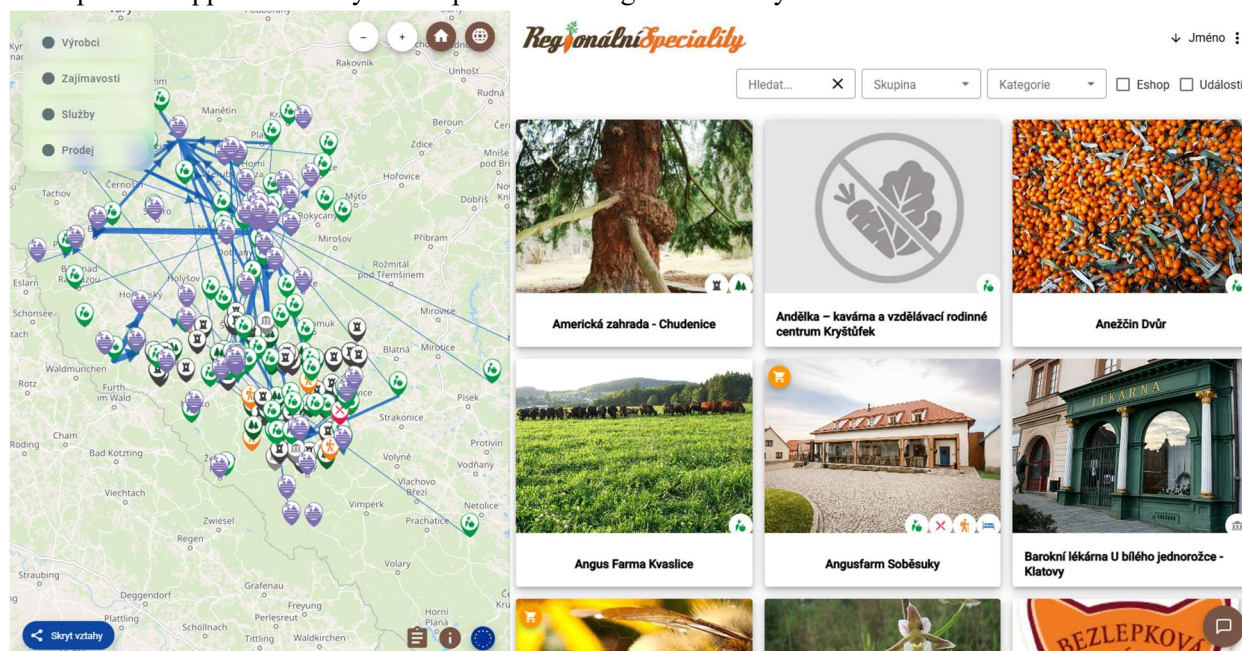
A major project outcome is the integration of LocalFarmsAI data into the Atlas environment.

The integration enables automatic synchronisation of selected datasets from LocalFarmsAI to Atlas, ensuring that newly validated information becomes available for spatial analysis and visual exploration without manual intervention.

Several enhancements were implemented within Atlas during the project:

- improved integration of LocalFarmsAI datasets,
- optimisation of user interface and visual design,

- implementation of relationship visualisation functionality,
- interactive display of supplier–customer networks,
- improved support for analytical exploration of regional food systems.



The resulting map environment allows users to move beyond traditional catalogue-based views and explore real-world relationships between producers and customers within a spatial context.

Jackdaw Integration and GeoAI Functionality

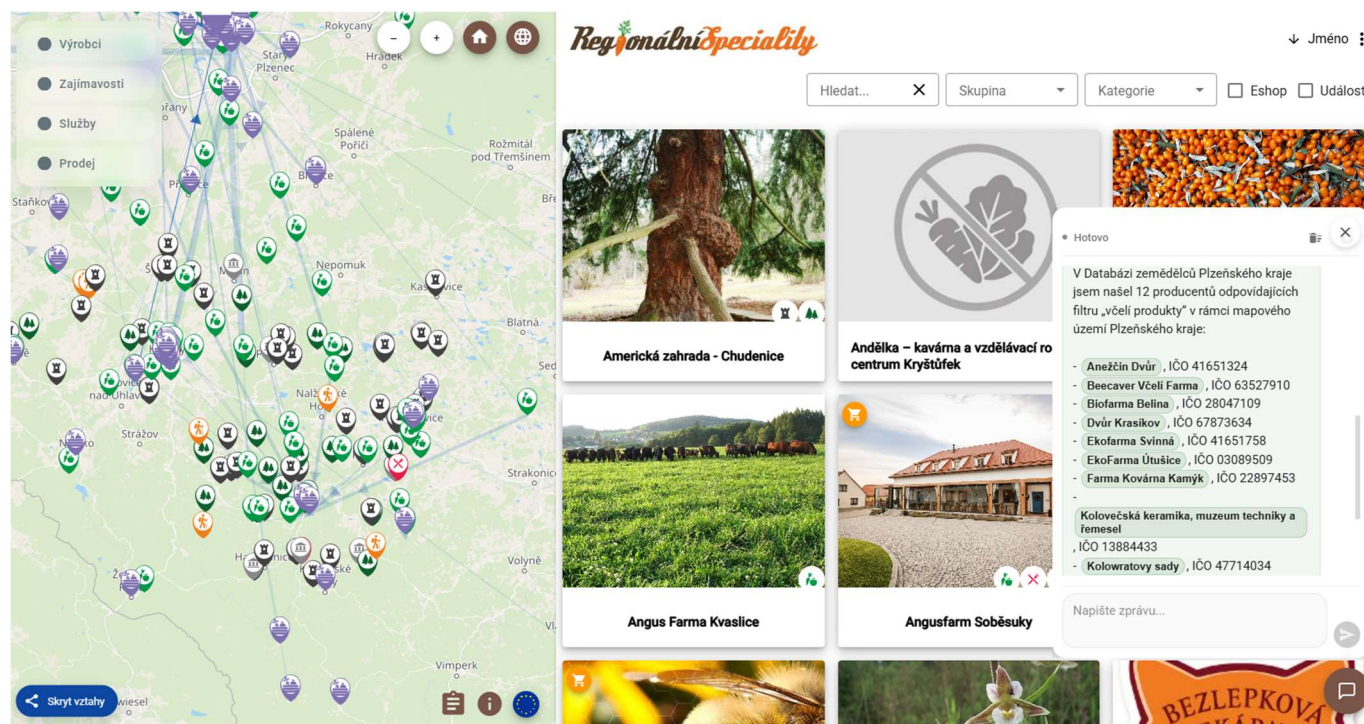
The project successfully implemented operational integration with the Jackdaw platform.

Through this integration, LocalFarmsAI datasets can be queried using natural language, allowing users to discover information without requiring technical knowledge of underlying data structures.

The implemented GeoAI functionality supports:

- spatial queries over producer and customer datasets,
- exploration of supplier–customer relationships,
- retrieval of contextual information from LocalFarmsAI,
- conversational interaction with regional food system data.

During Phase 2, particular attention was given to optimisation of chatbot responses, prompt design, retrieval mechanisms, and overall usability.



Although further refinement remains possible, the implemented solution demonstrates the practical value of combining structured regional datasets with AI-supported user interaction.

Technical Maturity and Deployment Status

At project completion, the LocalLinks.AI solution reached an **operational beta stage (TRL 7–8)**.

The platform is no longer limited to prototype testing but supports:

- real-world datasets,
- operational workflows,
- active use by project partners,
- integration with external systems,
- public access through beta deployment.

The solution has been validated through practical use cases involving regional stakeholders and demonstrates readiness for broader deployment and future expansion.

Data, datasets, and methodologies

Initial datasets describing producer–customer relationships were collected using a mixed methodology combining:

- structured questionnaires,
- AI-assisted data extraction from public online sources,
- validation through direct stakeholder contact.

The data model was designed in cooperation with regional partners to ensure relevance, scalability, and future reuse. Emphasis was placed on data quality, transparency, and the ability to distinguish between verified and estimated information. A significant enhancement introduced during Phase 2 was the incorporation of additional stakeholder survey data, including information related to AI adoption, digital readiness, and attitudes towards data sharing. The data model was also extended to distinguish between public, restricted, and sensitive information, enabling more transparent management of data accessibility and privacy requirements.

Interoperability and Reusability

Interoperability was a key design principle throughout the project.

The developed architecture supports:

- automated data exchange between LocalFarmsAI and Atlas,
- AI-assisted access through Jackdaw,
- export of structured datasets in standard formats,
- reuse of components in other regions and projects.

The modular architecture allows individual components to be deployed independently or integrated into broader digital ecosystems.

Beyond short food supply chains, the methodology and technical framework have the potential to be adapted for other domains, including regional services, tourism, crafts, and local innovation networks.

Final Technical Results

At project completion, LocalLinks.AI successfully delivered:

- an operational beta platform available through localfarms.ai,
- a structured database containing 175 producers, 220 sales outlets, and 460 supplier–customer relationships,
- AI-assisted tools for data acquisition and validation,
- automated integration with Atlas,
- operational integration with Jackdaw and GeoAI chatbot functionality,
- advanced data export and interoperability capabilities,
- a reusable methodology for mapping and analysing short food supply chains.

These results significantly exceed the initial prototype objectives defined in the proposal and provide a solid foundation for future deployment, replication, and further development.

Access and Availability

The LocalFarmsAI beta platform is available at: <https://localfarms.ai>

Access requires user registration and authentication. Project partners and authorised stakeholders can create, edit, and validate records. Selected datasets are automatically published through Atlas, where they are available for public exploration.

The Jackdaw chatbot can be accessed through the Atlas environment and provides natural-language access to selected LocalLinks datasets.

Sustainability and Maintenance Considerations

The LocalLinks.AI solution was developed as a modular and maintainable platform. The separation of data management (LocalFarmsAI), visualisation (Atlas), and AI-assisted access (Jackdaw) allows individual components to evolve independently while maintaining interoperability.

The platform continues to be maintained by project partners and regional stakeholders, particularly Úhlava, o.p.s., with technical support provided by Jan Strouhal with preliminary agreed cooperation with Wirelessinfo. The use of standard export formats and clearly defined interfaces supports future maintenance, integration, and reuse beyond the project duration.

4. Integration and Contribution to PoliRuralPlus

- *Use of PoliRuralPlus tools, platforms, or data (if applicable)*
- *Data generated, their integration into PoliRuralPlus and how it contributes to the wider ecosystem*
- *Synergies with other projects or initiatives*
- *Reusability and interoperability aspects*

Final report: clearer statement on long-term contribution and reuse

Use of PoliRuralPlus Tools, Platforms, and Data

The LocalLinks.AI project was designed from the outset as a complementary component of the PoliRuralPlus ecosystem rather than a standalone application. Throughout the project, particular emphasis was placed on interoperability and practical integration with existing PoliRuralPlus tools.

The project primarily utilised and extended the functionality of:

- **Atlas**, serving as the main environment for visualisation and exploration of collected datasets,
- **Jackdaw**, providing AI-assisted querying and interaction with regional datasets.

The developed solution demonstrates how regionally maintained datasets can be connected to existing PoliRuralPlus services while preserving data ownership and local management responsibilities.

Data Generated and Their Integration into the PoliRuralPlus Ecosystem

One of the principal outputs of the project is the creation of a structured and continuously maintained dataset describing actors and relationships within regional short food supply chains. The project introduced a methodology not only for cataloguing individual actors but also for documenting actual business relationships between them. This relational perspective provides an additional layer of information that is typically missing from conventional producer directories and regional catalogues. Through automated synchronisation mechanisms, selected data are made available within Atlas, where they can be combined with other regional and spatial datasets available through the PoliRuralPlus ecosystem.

Contribution to Atlas

The project significantly enhanced the practical value of Atlas by providing:

- management of data for Atlas
- additional producer and sales outlet datasets,
- relationship-based data layers,
- visualisation of supplier–customer networks,
- richer regional content derived from LocalFarmsAI,
- integration of AI-supported analytical functions.

The implemented relationship visualisation functionality represents an important step from simple catalogue-based mapping towards understanding the structure and dynamics of regional food systems. As a result, Atlas now serves not only as a repository of regional actors but also as a platform for analysing interactions between them.

Contribution to Jackdaw and GeoAI Services

LocalLinks.AI also provided a practical use case for testing and validating GeoAI-based interaction with regional development data. The integration with Jackdaw demonstrated how structured datasets maintained by regional stakeholders can be made accessible through natural-language interfaces. Users can explore producers, sales outlets, and supplier relationships without requiring knowledge of database structures or GIS tools.

The project therefore contributed to:

- validation of Jackdaw integration workflows,

- optimisation of chatbot interaction scenarios,
- testing of retrieval and response generation mechanisms,
- demonstration of practical GeoAI applications in rural development.

The experience gained through this integration can support future deployment of similar AI-assisted services in other PoliRuralPlus pilot regions.

Synergies with Other Projects and Initiatives

LocalLinks.AI builds directly upon outcomes generated by previous and parallel regional initiatives.

Particular synergies were achieved with:

- **THEROS Digital Marketplace**, which provided valuable experience in working with regional producers and digital market services,
- **Data4Food2030**, especially activities related to stakeholder mapping, data interoperability, and inter-sectoral data services,

By connecting these initiatives, the project created a practical example of cross-project data reuse and interoperability, reducing duplication of effort and increasing the long-term value of previously developed resources.

Reusability and Transferability

A key objective of the project was to develop a solution that could be reused beyond the initial pilot region.

Several elements contribute to its transferability:

- modular architecture,
- standardised data structures,
- export capabilities (Excel, CSV, JSON),
- separation of data management and visualisation layers,
- interoperability with external tools through defined interfaces.

The developed methodology is not limited to food supply chains and can potentially be applied to other domains requiring mapping of relationships between regional actors, such as tourism networks, local services, crafts, cultural initiatives, or innovation ecosystems.

Long-Term Contribution to PoliRuralPlus

The long-term contribution of LocalLinks.AI extends beyond the creation of a regional database.

The project demonstrates a replicable model for:

- combining AI-assisted data collection with stakeholder validation,
- integrating local datasets into the PoliRuralPlus ecosystem,
- visualising relationships rather than only individual entities,
- supporting natural-language access to regional knowledge through GeoAI technologies.

These contributions strengthen the practical applicability of PoliRuralPlus tools and provide a foundation for future expansion of relationship-based regional data services across other pilot regions and rural innovation networks.

5. Stakeholder Engagement and User Involvement

- *Stakeholder groups involved*
- *Engagement methods (workshops, pilots, interviews, testing, etc.)*
- *Feedback received and how it influenced the work*
- *Evidence of user uptake or interest (if available)*

Stakeholder groups involved

The LocalLinks project is based on active involvement of multiple stakeholder groups representing different roles within short food supply chains and regional development. The key stakeholder groups involved during Phase 1 include:

- Local producers and farmers, as primary providers of data and end users of the solution.
- Sales outlets and institutional buyers, such as local shops, markets.
- Public sector and regional development organisations represented by Local Action Groups (LAG).
- Technical stakeholders, including developers and users of PoliRuralPlus tools (Atlas, Jackdaw), involved in ensuring interoperability and technical alignment.

Engagement methods

Stakeholders were involved using a combination of qualitative and practical engagement methods designed to support iterative development:

- Stakeholder workshops were organised with regional actors to discuss project objectives, validate user needs, and gather feedback on proposed functionalities.
- In-person and online technical meetings were held to address integration aspects and ensure alignment with PoliRuralPlus tools.
- Pilot testing was conducted with selected producers and sales outlets using real data and real use cases.
- Structured questionnaires were developed and used to collect information on producer–customer relationships, supported by direct personal contact with stakeholders.

This approach ensured continuous interaction between technical development and real-world practice.

Feedback received and its influence on the project

Feedback from stakeholders directly influenced several aspects of the LocalLinks solution, including:

- prioritisation of simple and time-efficient data entry workflows,
- emphasis on map-based visualisation rather than text-based listings,
- clarification of data sharing levels and the need to distinguish between verified and estimated information.

Stakeholder input was systematically incorporated into the design of the data model, user interfaces, and pilot testing scenarios.

Evidence of user uptake and interest

Throughout the project, stakeholders demonstrated strong and sustained interest in the LocalLinks.AI solution.

- Producers and sales outlets actively participated in data collection, validation, and verification activities.
- Regional development organisations, particularly Local Action Groups and regional development stakeholders, expressed interest in using aggregated outputs for planning, communication, and support of local food systems.

- Technical partners collaborated on the testing and refinement of integration scenarios with PoliRuralPlus tools, including Atlas and Jackdaw.
- The LocalFarmsAI beta platform has been operational since April 2026 and is actively used by project partners and pilot users for data management and validation activities.
- The Atlas integration has enabled public visualisation of selected datasets, while the Jackdaw integration has demonstrated the practical use of GeoAI technologies for querying regional food-system data.

At the time of reporting, the system contains information on **175 producers, 220 sales outlets, and 460 supplier–customer relationships**, providing a substantial evidence base for further use and expansion. The achieved level of stakeholder participation and dataset growth confirms the practical relevance of the solution and its potential for wider adoption beyond the project duration.

Multi-Actor Approach

The engagement strategy applied in LocalLinks follows the Multi-Actor Approach (MAA) promoted by PoliRuralPlus. By involving producers, buyers, public authorities, and technical actors throughout the development process, the project ensures that the resulting solution is practically relevant, user-oriented, and aligned with regional development needs.

5.1. GDPR and Data Protection Compliance

LocalLinks.AI processed personal data in accordance with Regulation (EU) 2016/679 – the General Data Protection Regulation (GDPR), the applicable data-protection legislation of the Czech Republic and the internal data-protection procedures of the participating organisations.

Personal data processed during the project was limited to information necessary for project implementation, stakeholder engagement, platform operation, testing, communication and contractual reporting. Depending on the activity, this included names, organisational affiliations and professional contact details of participants in stakeholder meetings and workshops, stakeholder contact records, registered platform-user information, information voluntarily provided by test users and limited operational information associated with authenticated use of the LocalFarms.ai platform.

Stakeholder engagement included a regional agricultural meeting in Klatovy on 3 March 2026, a meeting of regional producers and stakeholders at Úhlava, o.p.s. in Klatovy on 29 April 2026, and a stakeholder meeting combined with visits to Dvůr Krutěnice and Farma Sedlečko on 2 June 2026. Additional individual consultations and coordination meetings were held with producers, farmers, sales outlets, regional development organisations, public-sector representatives and technical partners.

Participants were informed about the purpose for which their personal data was collected and how the data would be used. Where attendance lists were used, participants received information concerning the processing of their names, organisational affiliations, contact details and signatures. The relevant consents were obtained and are securely retained by Úhlava, o.p.s. as part of the internal project documentation.

The attendance lists, signatures, personal contact details and other directly identifiable participant information are not included in this public Part A report. They are retained in the non-public project records and may be made available only to authorised project-management, monitoring, review or audit personnel where necessary.

The LocalFarms.ai platform applies data-protection and privacy-by-design measures. Access to data-management and validation functions requires user registration and authentication. Only authorised project partners and stakeholders can create, edit or validate records. The data model distinguishes between public, restricted and sensitive information, allowing the accessibility of individual data fields to be managed according to their nature and intended use.

Information about regional producers, farms and sales outlets was obtained from existing project datasets, publicly available sources, structured questionnaires and direct cooperation with the stakeholders concerned. Only information relevant to the objectives of the platform was processed. The project combined public-source

verification, stakeholder validation, data classification and confidence scoring to improve data accuracy and transparency.

Only selected non-sensitive datasets are made publicly available through the LocalFarms.ai platform, Atlas and related public project outputs. Personal contact details, user-account information, attendance lists, consent records and other restricted information are not included in public datasets unless their publication is appropriate and supported by a valid legal basis.

Access to personal and stakeholder information is restricted to authorised personnel. Passwords, API keys, authentication credentials and other security-sensitive information are excluded from public reports, public datasets and publicly distributed software or documentation.

Where photographs or visual documentation from project workshops and meetings were used for communication and dissemination purposes, participants were informed accordingly and the relevant consent or other applicable legal basis was confirmed. Public communication materials do not contain unnecessary personal identifiers.

Personal data, attendance lists and consent records are securely archived in controlled internal repositories. They are retained for the periods necessary to meet project implementation, contractual, audit, legal and data-protection requirements. After the applicable retention period expires and there is no further legal basis for processing, the personal data will be securely deleted or anonymised.

LocalLinks.AI therefore ensured that stakeholder engagement, user testing, data collection, platform operation and public communication were carried out in compliance with GDPR and applicable Czech data-protection requirements.

6. Communication, Dissemination and Visibility

- *Describe the progress towards the obligatory media outputs, including:*
 - *At least 2 news articles (for external media or institutional websites)*
 - *At least 3 blog posts for the PoliRuralPlus platform,*
 - *A set of social media summaries highlighting key milestones, implementation steps, and results, tailored to different stages of the project (launch, mid-point, final).*
 - *Note: These outputs must include GDPR compliant visual elements where applicable (photos, screenshots, infographics) and acknowledge PoliRuralPlus funding.*
- *Events, demonstrations, presentations*
- *Links to public materials*
- *Compliance with EU funding visibility requirements*
- *Final report: complete overview of all dissemination outputs*

Overview of Communication Activities

Communication and dissemination activities accompanied the project throughout its implementation and supported stakeholder engagement, testing, validation, and awareness raising. Particular emphasis was placed on presenting the practical benefits of the LocalLinks.AI solution, promoting short food supply chains, and demonstrating integration with the PoliRuralPlus ecosystem.

Communication activities targeted:

- local producers and farmers,
- sales outlets and institutional buyers,
- regional development organisations,
- public authorities,
- the wider PoliRuralPlus community,
- citizens interested in regional food systems and local products.

All communication materials acknowledged support from the PoliRuralPlus project and the European Union in accordance with the visibility requirements of the Develop Call.

News Articles and Public Outreach

During the project, news articles were published through institutional and project-related communication channels.

Article 1

Title: Chytře – SMART - tam i zpátky mezi městem a venkovem

Date: 02.09.2026

Link: <https://www.uhlava.cz/index.php?page=547&pages=0&idp=1669&lang=cz&sm=0&task=on>

Short description of the article and target audience: This article presents the **LocalLinks.AI** project, as part of the **PoliRuralPlus** initiative funded by Horizon Europe. The project aims to strengthen short food supply chains and rural–urban connections in the Plzeň Region, particularly in the Šumava–Bavarian Forest border area. It introduces a digital platform integrating AI, interactive mapping, and chatbot technologies to collect, update, analyse, and visualise relationships between regional food producers, suppliers, customers, and other stakeholders. By building on existing digital tools and promoting data interoperability across agriculture, retail, tourism, and public administration, the project supports more transparent, efficient, and sustainable regional food systems.

Target audience: Regional and local authorities, policymakers, farmers and regional food producers, food processors and retailers, rural development organisations, researchers, digital innovation stakeholders, NGOs, tourism organisations, and anyone interested in smart regional development, sustainable food systems, and rural–urban cooperation.

Article 2

Title: Kde koupit dobroty od místního farmáře? Nová mapa vám je pomůže najít

Date: 29.06.2026

Link: <https://www.uhlava.cz/index.php?page=547&pages=0&idp=1708&lang=cz&sm=0&task=on>

Short description of the article and target audience: This article introduces **LocalFarms.ai**, a new AI-powered digital platform and interactive map that helps consumers find locally produced food in the Plzeň Region. By connecting regional food producers with shops, farm stores, restaurants, and other points of sale, the platform makes it easier to discover where local products are available. Combining interactive mapping, automated data updates, and a GeoAI chatbot, LocalFarms.ai also provides information on regional tourism and attractions, supporting sustainable local food systems, rural development, and stronger links between producers and consumers.

Target audience: Consumers interested in buying local food, regional food producers and farmers, retailers, restaurants, tourism organisations, local and regional authorities, rural development organisations, researchers, and stakeholders interested in digital innovation, sustainable food supply chains, and regional economic development.

PoliRuralPlus Blog Posts

The project contributed to dissemination through blog posts published on the PoliRuralPlus platform.

Blog Post 1

Title: SMART There and Back: Connecting Rural and Urban Areas through LocalLinks.AI

Date: 03.03.2026

Link: <https://www.poliruralplus.eu/news/smart-there-and-back-connecting-rural-and-urban-areas-through-locallinksai>

Blog Post 2

Title: LocalLinks Presented in Klatovy: A Step Toward Smarter Regional Food Systems

Date: 20.04.2026

Link: <https://www.poliruralplus.eu/knowledge-transfer/blog/locallinks-presented-in-klatovy-a-step-toward-smarter-regional-food-systems>

Blog Post 3

Title: LocalLinks AI Brings Regional Food Networks Closer to Consumers

Date: 04.06.2026

Link: <https://www.poliruralplus.eu/knowledge-transfer/blog/locallinks-ai-brings-regional-food-networks-closer-to-consumers>

Blog Post 4

Title: LocalLinks AI Nears Completion Following Extensive Stakeholder Testing

Date: 24.06.2026

Link:

<https://www.poliruralplus.eu/knowledge-transfer/blog/locallinks-ai-nears-completion-following-extensive-stakeholder-testing>

The blog posts documented the evolution of the project from concept and prototype development to operational beta deployment and integration with the PoliRuralPlus ecosystem.

Social Media Communication

Social media communication was used to inform stakeholders about project milestones and progress.

The communication covered:

- project launch and objectives,
- development of LocalFarmsAI,
- integration with Atlas and Jackdaw,
- beta deployment and achieved results.

Social Media Outputs

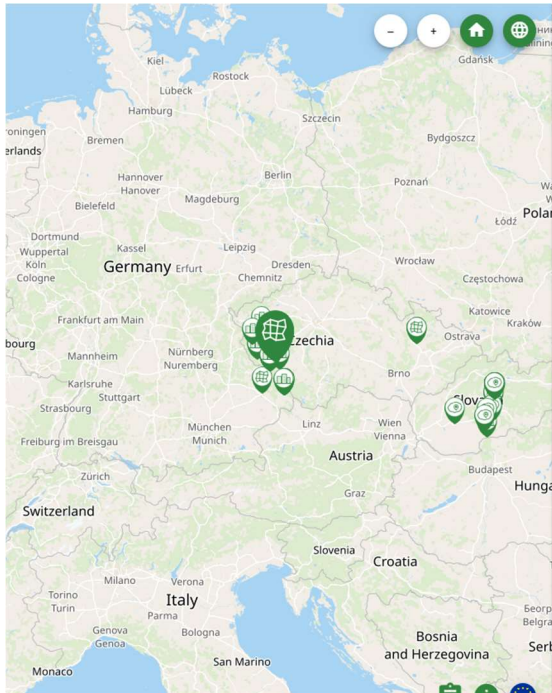
Date	Platform	Topic
25.02.2026	Facebook	Project launch
22.06.2026	Facebook	Mid-project update
29.06.2026	Facebook	Final results

Screenshots and links to posts are provided in the annex where applicable.

Replication/best practices

Number of good practice examples included in the Atlas or shared with partners: 6

- <https://atlasbestpractices.com/poliruralplus/#prp-053>





LocalLinks.AI – Smart Mapping and Activation of Short Food Supply Chains

Short food supply chains, Innovation, Knowledge management

6.Czechia-Bavaria

Partner: 21 Open Call

Pilot Site: Pilsen Region

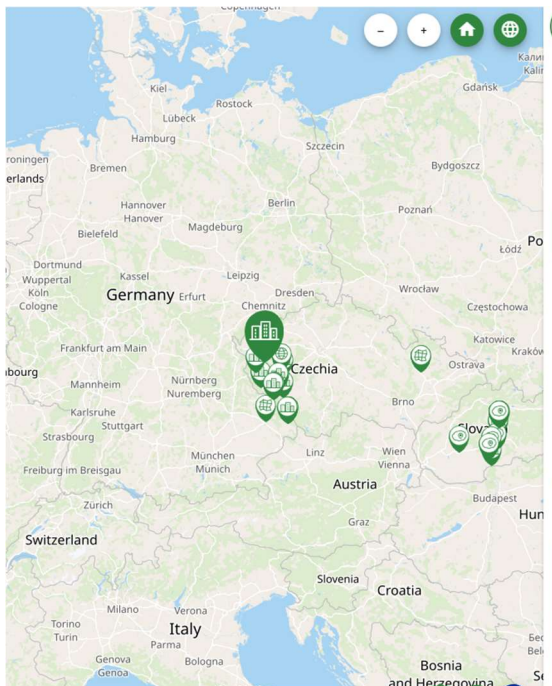
Actors: Uhlava, Sumavaprodukt

QUICK READ
A more immediate take on the key points before diving into the detail.

LocalLinks.AI is a digital and AI-supported platform designed to map, analyse and strengthen short food supply chains in the Pilsen Region. By integrating data from agriculture, retail, public administration and tourism, the tool visualises relationships between local producers and buyers, helping to improve transparency, coordination and efficiency of regional food systems. The platform combines interactive mapping, AI-supported data analysis and a GeoAI chatbot (JackDaw) to make complex data accessible and actionable for farmers and other stakeholders.



- <https://atlasbestpractices.com/poliruralplus/#prp-072>





LocalLinks.AI – Farma Krasíkov – Local Food Supply Chain

Short food supply chains, Rural tourism, Agrotourism

6.Czechia-Bavaria

Partner: 21 Open Call

Pilot Site: Krasíkov, Pilsen Region

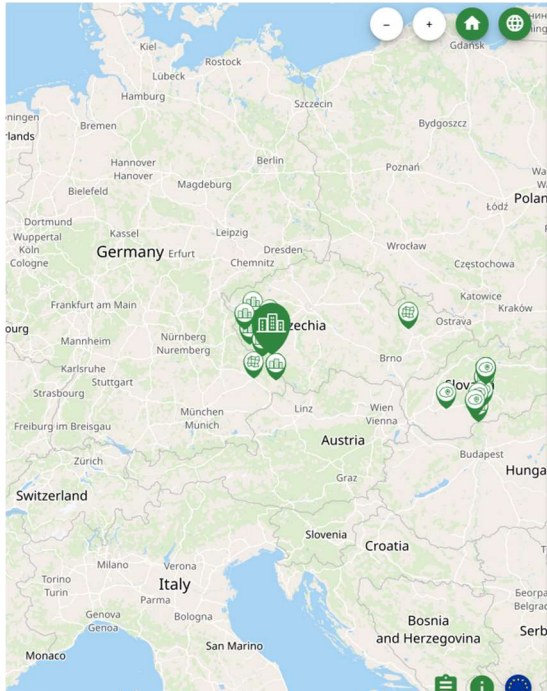
Actors: LocalLinks.AI (Uhlava, Sumavaprodukt)

QUICK READ
A more immediate take on the key points before diving into the detail.

Family farm combining agricultural production, food processing, accommodation and direct sales. The farm supplies meat and smoked meat products, fruit and vegetables, confectionery, bakery products, shelf-stable foods, bee products, beverages and dairy products to local businesses and retail outlets, including Bistro pod Ořešákem, Amálcin krámk, Pekárna Sebera u Jilků v Božkově, HerBio and farmers' markets in Pilsen. Products are distributed through direct delivery and other regional distribution arrangements using the farm's own transport.




- <https://atlasbestpractices.com/poliruralplus/#prp-076>





LocalLinks.AI – Farma Zelený – Šumava Beef and Regional Farm Products

**Short food supply chains,
Regional economic
development, Food
production**

6.Czechia-Bavaria

Partner:
21 Open Call

Pilot Site:
Drouhaveč,
Šumava Region
(Klatovy District,
Pilsen Region)

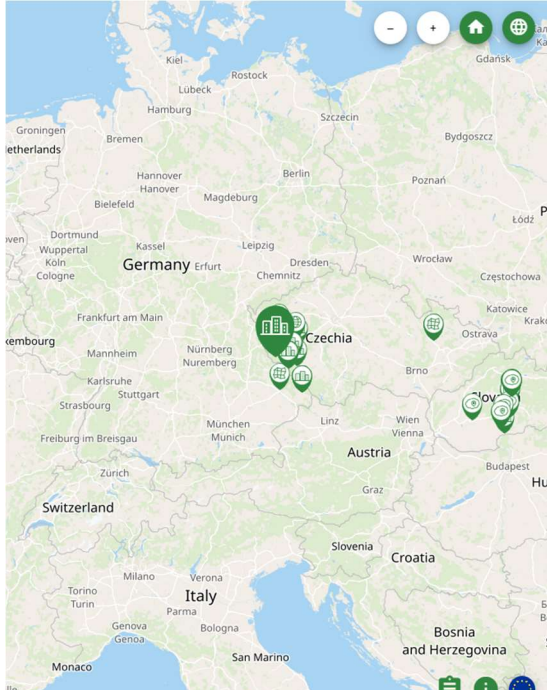
Actors:
LocalLinks.AI (Uhlava, Sumavaproduct)

QUICK READ
A more immediate take on the key points before diving into the detail.

Farma Zelený is a family farm located in the Šumava foothills near Sušice. The farm raises beef and dairy cattle and produces high-quality regional food products, including beef, smoked meat products and dairy products. Products are sold through direct sales and supplied to Farnářský obchod and regional specialty food retailers. The farm promotes local food production, animal




- <https://atlasbestpractices.com/poliruralplus/#prp-077>





LocalLinks.AI – Josef Stajko – Artisan Bakery and Confectionery Products

**Short food supply chains,
Food production, Regional
economic development**

6.Czechia-Bavaria

Partner:
21 Open Call

Pilot Site:
Trhanov,
Domažlice
District, Pilsen
Region

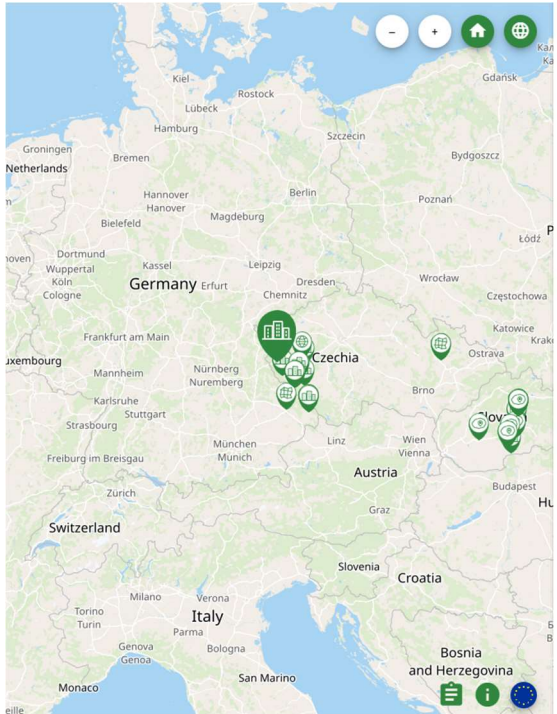
Actors:
LocalLinks.AI (Uhlava, Sumavaproduct)

QUICK READ
A more immediate take on the key points before diving into the detail.

Josef Stajko is an artisan bakery producer based in Trhanov in the Pilsen Region. The bakery specialises in traditional sourdough bread, bakery products and confectionery made using carefully selected ingredients and traditional production methods. Products are supplied directly to Naš Konzum and local customers through personal delivery and direct sales, contributing to the development of local food supply chains and regional food availability.



- <https://atlasbestpractices.com/poliruralplus/#prp-075>





LocalLinks.AI – Kolowratovy Sady – Apples and Regional Products from the Czech Forest Region

Short food supply chains, Regional economic development, Food production

6.Czechia-Bavaria

Partner: 21 Open Call

Pilot Site: Velké Dvorce, Pílmá (Tachov District, Pilsen Region)

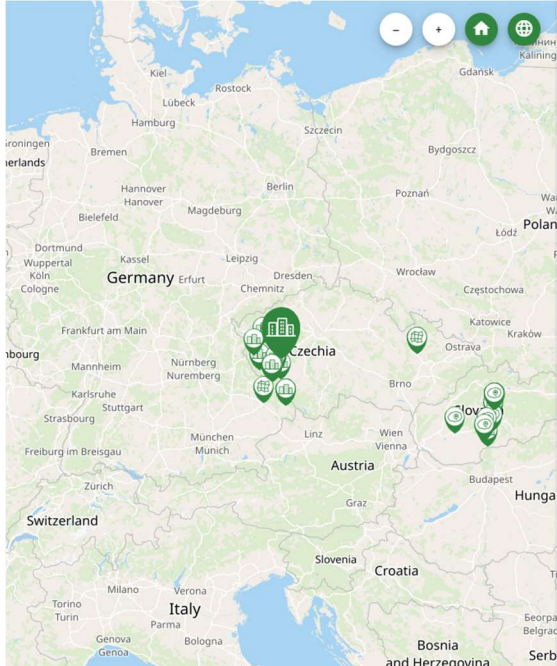
Actors: LocalLinks.AI (Uhlava, Sumavaprodukt)

QUICK READ
A more immediate take on the key points before diving into the detail.

Kolowratovy Sady is a large fruit-growing enterprise located in the foothills of Pílmá in the Pilsen Region. The orchard specialises in apple production and processes part of its harvest into juices, beverages and other regional products. Products including fruit, vegetables, beverages, bee products and other food items are sold through the company's own shop and retail




- <https://atlasbestpractices.com/poliruralplus/#prp-074>





LocalLinks.AI – Sady Nebílovy – Fruit and Regional Products

Short food supply chains, Regional economic development, Food production

6.Czechia-Bavaria

Partner: 21 Open Call

Pilot Site: Nebílovy, Pilsen Region

Actors: LocalLinks.AI (Uhlava, Sumavaprodukt)

QUICK READ
A more immediate take on the key points before diving into the detail.

Sady Nebílovy is a regional fruit-growing farm operating approximately 48 hectares of orchards in the Pilsen Region. The farm grows apples, plums, pears, cherries, blueberries and strawberries and processes part of its production into juices, cider, spirits and dried fruit. Products including fruit, vegetables and beverages are sold through the farm's own shop (Sady Nebílovy), Farmářský obchod and other regional outlets, strengthening local food supply chains and supporting regional food production.




Events, Demonstrations and Presentations

The project was presented through stakeholder workshops, technical meetings, and demonstration activities.

Key dissemination events included:

- regional meeting in Klatovy, a stakeholder workshop at Úhlava, o.p.s. in Klatovy and a stakeholder meeting combined with visits to Dvůr Krutěnice and Farma Sedlečko.,
- demonstrations of the LocalFarmsAI platform,
- technical consultations related to Atlas and Jackdaw integration,
- presentations to regional stakeholders and development organisations.

These activities provided opportunities for collecting feedback and promoting adoption of the developed solution.

Visibility and Compliance with EU Requirements

All public communication materials complied with the visibility requirements of the European Union and PoliRuralPlus. Appropriate acknowledgement of funding was included in communication materials, presentations, online content, and project-related publications.

Where photographs or screenshots were used, GDPR principles and privacy requirements were respected.

Communication Impact

The communication activities contributed to:

- increased awareness of short food supply chains and regional producers,
- engagement of stakeholders in data collection and validation,
- dissemination of project results within the PoliRuralPlus community,
- promotion of interoperability between LocalFarmsAI, Atlas, and Jackdaw.

The communication outputs also support the long-term sustainability and replicability of the developed solution by making the methodology and results visible to potential future users and adopters.

7. Impact Assessment

- *Mid-term:*
 - *Expected impacts*
 - *Early signals of impact*
 - *Qualitative indicators (interest, adoption potential)*
- *Final report (expanded):*
 - *Achieved impacts (technical, social, economic, environmental, policy)*
 - *Evidence and indicators*
 - *Contribution to regional / pilot-level objectives*
 - *A reflective assessment of how the project addressed the principles of the New European Bauhaus (NEB) — sustainability, inclusion, and aesthetics — in both process and outcome*

Achieved Impacts

The LocalLinks.AI project delivered measurable technical, organisational, and regional-development impacts within the selected pilot area. By combining AI-assisted data collection, stakeholder engagement, and interoperability with PoliRuralPlus tools, the project established a practical framework for mapping and analysing

short food supply chains. The project successfully transformed an initial prototype concept into an operational beta solution that is actively used for data collection, validation, and visualisation of regional producer networks. The resulting datasets and services provide a foundation for improved visibility of regional producers, better understanding of supply-chain relationships, and more informed decision-making by regional stakeholders.

Technical Impact

The project delivered a fully operational beta platform integrating data collection, validation, spatial visualisation, and AI-assisted querying.

Key technical achievements include:

- deployment of the LocalFarmsAI beta platform,
- implementation of AI-assisted data acquisition and validation workflows,
- automated synchronisation of data with Atlas,
- operational integration with the Jackdaw GeoAI environment,
- implementation of relationship-based visualisation of regional supply chains,
- support for data export in multiple formats (Excel, CSV, JSON).

The project also demonstrated the feasibility of combining structured regional datasets with AI-powered user interfaces and conversational access to information.

Social and Economic Impact

The project contributed to strengthening regional food-system networks by increasing the visibility of producers and their business relationships.

At project completion, the platform contains:

Indicator	Achieved Value
Registered producers	175
Registered sales outlets	220
Supplier–customer relationships	460

These results significantly exceed the minimum targets defined in the project proposal and provide a valuable evidence base for future support of short food supply chains.

The project also reduced barriers to participation by providing simple tools for data collection and validation, supported by AI-assisted workflows and intuitive visualisation mechanisms.

Policy and Regional Development Impact

LocalLinks.AI provides regional stakeholders with access to structured and spatially explicit information that was previously unavailable or fragmented across multiple sources.

The resulting datasets can support:

- regional development planning,
- identification of cooperation opportunities within local food systems,
- support measures targeting local producers,
- promotion of regional products and services,
- future cross-sectoral data initiatives.

The project therefore contributes to strengthening data-informed decision-making within the pilot region.

Evidence and Indicators

The achieved impacts are supported by several measurable indicators:

Indicator	Target	Achieved
Producers registered in the system	≥ 50	175
Unique active users (53 Atlas + 11 Local Farms)	≥ 50	64
Questions submitted through the Jackdaw chatbot	≥ 100	113
Supplier–customer relationships mapped	≥ 100	460
Integration with PoliRuralPlus tools	≥ 2	Atlas, Jackdaw
Functional operational solution	Yes	Operational beta platform
Public beta deployment	Planned	Achieved

In addition to these quantitative indicators, stakeholder feedback consistently highlighted the value of relationship-based visualisation, AI-assisted data maintenance, and interoperability with existing regional tools. User activity was monitored through application logs and user management records. If required during the evaluation process, these figures can be verified by extracting records from the system logs.

Contribution to Pilot Area Objectives

The project directly supports the objectives of **Pilot Area No. 6 – Bavarian–Czech Cross-Border Rural Innovation Network** by improving the visibility of regional actors, supporting short food supply chains, and strengthening digital capacities within the regional ecosystem. Although the project focused primarily on the Czech side of the pilot area, the developed methodology, data structures, and technical architecture create a foundation for future cross-border expansion and cooperation.

New European Bauhaus (NEB) Perspective

Sustainability

The project contributes to sustainability by supporting short food supply chains and strengthening local economic networks. Improved visibility of regional producers can contribute to reduced transport distances, increased local sourcing, and more resilient regional food systems. The technical architecture was designed with long-term maintainability and reuse in mind, reducing the need for duplicated development efforts in future initiatives.

Inclusion

LocalLinks.AI was developed using a multi-actor approach involving producers, sales outlets, regional organisations, and technical stakeholders. Particular attention was paid to usability and accessibility, ensuring that the solution can be used by organisations and individuals with varying levels of digital experience. The platform supports participation of both large and small actors, including producers who would otherwise have limited access to advanced digital tools.

Aesthetics and User Experience

The project emphasised clarity and usability of information through map-based visualisation and intuitive user interfaces. Particular attention was given to improving the design and user experience of Atlas integration and to providing natural-language access to information through the Jackdaw chatbot. The resulting solution combines functionality with accessibility, helping users explore complex regional relationships in an understandable and visually intuitive way.

Overall Impact Assessment

The LocalLinks.AI project successfully achieved its intended objectives and delivered impacts exceeding the original expectations in several areas, particularly in the number of producers involved and the volume of mapped supplier–customer relationships. Beyond the immediate project outputs, the project established a reusable methodology and technical framework for relationship-based regional data management, demonstrating how local stakeholder knowledge, AI-assisted data collection, and PoliRuralPlus tools can be combined to support sustainable rural innovation and regional development.

8. Challenges, Risks and Lessons Learned

- *Key challenges encountered*
- *Risk mitigation actions*
- *Lessons learned (technical, organisational, stakeholder-related)*

Final report: include recommendations for future projects or scaling

Key Challenges Encountered

The implementation of LocalLinks.AI confirmed several challenges commonly associated with the development of regional data ecosystems and stakeholder-driven digital platforms. The most significant challenge was the availability and quality of information describing real supplier–customer relationships. Unlike basic producer directories, such information is often not publicly available, changes over time, and requires continuous verification. Another challenge was the heterogeneity of data sources. Information relevant to regional producers is distributed across websites, social media profiles, public registers, regional catalogues, and stakeholder knowledge. Integrating these sources into a consistent and maintainable data model required considerable effort. From an organisational perspective, engaging small producers remained challenging due to limited time availability and varying levels of digital readiness. Many stakeholders were interested in the project outcomes but had limited capacity to actively contribute data. The project also highlighted the challenges associated with integrating emerging AI technologies into operational workflows. While AI tools significantly improved data acquisition and maintenance, their outputs still required validation and quality control.

Risk Mitigation Actions

Several measures were implemented to address these challenges and reduce associated risks. To improve data quality and reliability, the project combined multiple data acquisition methods, including stakeholder questionnaires, AI-assisted data collection, public-source verification, and expert validation. The introduction of confidence scoring and data classification mechanisms improved transparency and supported informed use of collected information. Stakeholder engagement risks were mitigated through a combination of personal meetings, workshops, online consultations, and cooperation with trusted regional organisations. This approach helped maintain stakeholder involvement throughout the project lifecycle. Technical risks associated with interoperability were reduced through early alignment with Atlas and Jackdaw development teams and through iterative testing of integration mechanisms during the implementation process.

Lessons Learned

The project generated several lessons that may be relevant for future initiatives involving regional data ecosystems and AI-supported rural innovation.

Simplicity Drives Adoption: Users are significantly more willing to contribute and validate data when interfaces are simple, intuitive, and require minimal effort. Reducing administrative burden proved more important than introducing advanced functionality at early stages.

Relationships Are More Valuable Than Lists: Traditional directories provide information about individual actors but rarely reveal how regional systems actually function. Mapping relationships between producers and customers proved to be highly valuable for understanding regional economic networks and identifying opportunities for cooperation.

AI Works Best as an Assistant: AI technologies proved highly effective in identifying, updating, and enriching information from public sources. However, project experience clearly demonstrated that human validation remains essential, particularly when working with dynamic regional datasets and stakeholder-generated information.

Interoperability Should Be Planned from the Beginning: The successful integration with Atlas and Jackdaw confirmed that interoperability cannot be treated as an afterthought. Early coordination of data models, interfaces, and workflows significantly reduced technical complexity and accelerated implementation.

Data Governance Matters: As datasets become richer and more detailed, questions related to data ownership, sensitivity, and accessibility become increasingly important. The introduction of data classification and sensitivity indicators proved beneficial and should be considered a standard practice in similar projects.

Recommendations for Future Projects and Scaling

Based on project experience, several recommendations can be formulated for future initiatives:

- Prioritise stakeholder engagement from the earliest stages of development.
- Combine AI-assisted data acquisition with systematic human validation.
- Focus on relationship-based datasets rather than solely on cataloguing entities.
- Design interoperability mechanisms and data standards before implementation begins.
- Introduce clear rules for data governance, sensitivity classification, and access management.
- Develop modular architectures that allow gradual scaling and integration with external systems.
- Ensure that visualisation and user experience receive the same attention as data collection and analytics.

These recommendations may support future PoliRuralPlus activities as well as other regional innovation projects seeking to combine local knowledge, digital technologies, and AI-assisted services.

Overall Reflection

The challenges encountered during the implementation of LocalLinks.AI were typical for a project operating at the intersection of regional development, data management, and emerging AI technologies. None of the identified challenges threatened the successful completion of the project.

On the contrary, the experience gained during implementation contributed to a more robust solution, improved understanding of stakeholder needs, and the development of a methodology that can be transferred and adapted to other regions and application domains.

9. Sustainability, Replicability and Next Steps

- *Mid-term:*
 - *Planned next steps*
 - *Adjustments to the work plan*
- *Final report:*
 - *Sustainability plan (technical, organisational, financial)*
 - *Replication or scaling potential*
 - *Follow-up activities or exploitation intentions*

Sustainability Plan

Technical Sustainability

The technical sustainability of LocalLinks.AI is supported by the modular architecture developed during the project. Individual components, including the LocalFarmsAI Editor, Atlas integration services, and Jackdaw connectors, can be maintained and further developed independently while continuing to operate as an integrated ecosystem.

At project completion, the LocalFarmsAI beta platform remains operational and accessible through the **localfarms.ai** domain. The platform continues to support data collection, validation, and management activities, while the Atlas and Jackdaw integrations remain functional and available for further use and improvement. The use of standard data formats, export functions (Excel, CSV, JSON), and clearly defined interfaces reduces dependence on specific technologies and facilitates future maintenance and integration with additional systems.

Organisational Sustainability

The sustainability of the solution is strengthened by the active involvement of regional organisations that continue to use and maintain the developed datasets. In particular, **Úhlava, o.p.s.** has already incorporated LocalFarmsAI into its regional development and stakeholder engagement activities. The platform is used for maintaining information about regional producers, validating relationships within short food supply chains, and supporting regional cooperation initiatives. The project therefore established not only a technical solution but also an organisational framework capable of maintaining and extending the resulting datasets beyond the project lifetime.

Financial Sustainability

The project was designed to build upon existing regional infrastructures and initiatives rather than creating a standalone system requiring dedicated long-term funding.

Future operation is expected to be supported through:

- continued use by project partners,
- integration with existing regional platforms and services,
- incorporation into future regional development activities and projects,
- potential extension to new thematic domains and stakeholder groups.

This approach reduces operational costs and increases the likelihood of long-term sustainability.

Replication and Scaling Potential

One of the key achievements of LocalLinks.AI is the development of a methodology that can be replicated beyond the original pilot region.

Several factors contribute to its transferability:

- modular and interoperable architecture,
- AI-assisted data acquisition workflows,
- relationship-based data model,
- compatibility with Atlas and Jackdaw,
- support for standard export formats,
- clearly documented data management procedures.

Although developed primarily for short food supply chains, the methodology is applicable to other regional ecosystems where relationships between actors are important.

Potential application domains include:

- regional tourism networks,
- local services,
- cultural and creative industries,
- craft and artisan networks,
- innovation and entrepreneurship ecosystems.

The project therefore demonstrates a scalable approach to relationship-based regional intelligence rather than a solution limited to a single sector.

Long-Term Exploitation Potential: The project generated several assets with long-term exploitation potential:

LocalFarmsAI Platform: The platform can continue to serve as a regional knowledge base and management environment for producers, sales outlets, and stakeholder relationships.

Extended Regional Datasets: The collected and validated datasets provide a valuable foundation for future regional development activities, research projects, and policy-support initiatives.

Relationship-Based Mapping Methodology: The developed methodology represents a transferable approach for documenting and analysing regional economic and social networks.

Integration Framework: The interoperability mechanisms developed for Atlas and Jackdaw provide reusable examples for future integration of third-party datasets and services into the PoliRuralPlus ecosystem.

Contribution to Future PoliRuralPlus Activities

LocalLinks.AI demonstrates how locally maintained datasets can be integrated into broader digital ecosystems while preserving regional ownership and stakeholder involvement.

The project provides practical experience in:

- AI-assisted data collection and maintenance,
- integration of local datasets with Atlas,
- deployment of GeoAI services through Jackdaw,
- relationship-based visualisation of regional systems,
- stakeholder-centred data governance.

These experiences can support future PoliRuralPlus pilot activities and contribute to the development of next-generation rural intelligence services.

Outlook Beyond the Project

The completion of the project represents the beginning rather than the end of the LocalLinks.AI initiative.

Future development may include:

- expansion of the producer and sales outlet database,
- extension to additional regions,
- incorporation of cross-border datasets,
- further optimisation of GeoAI services,
- integration with additional regional and European data initiatives.

By combining stakeholder knowledge, AI-assisted workflows, and interoperable digital tools, LocalLinks.AI has established a sustainable foundation for the continued development of relationship-based regional data services.

10. Conclusions

- *Overall assessment of the project*
- *Key achievements*
- *Strategic value of the results*

The LocalLinks.AI project successfully achieved all major objectives defined in the original proposal and delivered a practical, operational solution supporting the mapping and analysis of short food supply chains within the selected pilot region.

During the project, an initial concept and prototype evolved into an operational beta platform combining AI-assisted data acquisition, stakeholder-driven validation, spatial visualisation, and interoperability with the PoliRuralPlus ecosystem. The project successfully integrated LocalFarmsAI with Atlas and Jackdaw, demonstrating how locally maintained datasets can be transformed into reusable regional intelligence services.

The achieved results exceeded several of the original project targets. At project completion, the platform contained information on **175 producers, 220 sales outlets, and 460 documented supplier–customer relationships**, while

successfully delivering integration with multiple PoliRuralPlus tools and services. These results confirm both the technical feasibility of the proposed approach and the willingness of regional stakeholders to participate in collaborative data ecosystems. Beyond the technical outputs, the project demonstrated the value of combining local stakeholder knowledge, AI-assisted data management, and interoperable digital platforms. The resulting methodology provides a transferable framework for documenting and analysing relationships between regional actors and can be adapted to other sectors and territorial contexts. A particularly important outcome is the establishment of a sustainable organisational and technical foundation for future development. The continued involvement of project partners, regional stakeholders, and cooperation with Wirelessinfo creates favourable conditions for maintaining and extending the developed datasets, services, and methodologies beyond the lifetime of the project.

From the perspective of PoliRuralPlus, LocalLinks.AI contributes a practical example of how local data ecosystems can be connected with Atlas, Jackdaw, and future regional intelligence services. The project therefore not only delivered a functional solution for the pilot region but also provided a replicable model that may support future rural innovation initiatives, data-driven regional development, and wider adoption of AI-enabled services across rural areas. The project demonstrates that relationship-based regional data, supported by AI-assisted workflows and interoperable digital tools, can significantly improve the visibility, understanding, and management of local economic networks. LocalLinks.AI therefore represents both a successful pilot implementation and a foundation for future expansion and reuse within the broader PoliRuralPlus ecosystem.

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<https://www.uhlava.cz/index.php?page=547&pages=0&idp=1708&lang=cz&sm=0&task=on>



[O NÁS](#) | [FOTOGALERIE](#) | [DÍLŇNÉ LE DI](#) | [SPOLUPRACOVNÍK](#) | [PODPORUJTE NÁS](#) | [KONTAKT](#) |

VZDĚLÁVÁNÍ

ROZVOJ REGIONU

DOTAČNÍ PORADENSTVÍ

PRONÁJEM ŠKOLICÍCH PROSTOR

Úhlava n.p.s. | Aktuální | dokumenty

Kde koupit dobroty od místního farmáře? Nová mapa vám je pomůže najít

Kde sehnat výr z farmy za kapkou? Vše starším obchodem koupit molet od místního sadale nebo maso od regionálního chovatele? Najít odpověď dnes není jednoduché – informace bývají rozptýlené na webech producentů, sociálních sítích nebo v různých katalogech.



Proč LocalFarms.ai vzniká

Krátké dohledatelské řešení umožňuje, aby se regionální potraviny dostaly od výrobců ke spotřebitelům s minimem prostředků. Místo toho často chybí přehled a farm, kdo co vyrábí, kde své produkty prodává a jaké služby mají producenty a odběratel v regionu nabízí. To komplikuje orientaci zákazníků, zvyšuje administrativu producentů a omezuje možnosti spolupráce mezi zemědělci, výrobci, obchodci, restauracemi nebo veřejným sektorem.

Právě proto vzniká nová digitální aplikace **LocalFarms.ai** a interaktivní mapa na webu **regionálnízajímavosti.cz**, která propojí výrobce regionálních potravin s Půdním kroje a místy, kde jsou jejich produkty dostupné.

Co na mapě najdete

Přehledná mapa ukáže skutečné vztahy mezi místními farmami, výrobci a prodejními místy – takže hned uvidíte, kde si daný produkt můžete koupit. A díky zjednodušenému chytrému chatbotovi se můžete snadno poklidit. Jednoduše se nepotíte – třeba kde koupit kaviár, regionální maso nebo staré farmy prodávající přímo ze dvora – a chatbot vám odpoví. Poradí si ale i s otázkami o turistice a zajímavostech v okolí, takže plánování výletu a hledání dobrého jídla od místních zvládnete na jednom místě.

Aplikace stojí na čtyřech vzájemně propojených modulech:

- Spřeva a aktualizace dat** o výrobcích a jejich odběratelích.
- AI modul**, který pomocí automatizované vyhledávání a aktualizací veřejně dostupné informace.
- Mapová vizualizace** vztahů mezi výrobci a prodejními místy.
- GeoAI chatbot**, který umí přizpůsobit komunikaci nad mapou. Uživatel se například zeptá, kde koupit kaviár, regionální maso nebo staré farmy prodávající přímo ze dvora. Poradí si ale i s otázkami o turistice a zajímavostech v okolí – takže plánování výletu a hledání dobrého jídla od místních zvládnete na jednom místě.

Výsledkem není jen další katalog producentů, ale interaktivní mapa, která ukáže skutečné vztahy mezi výrobci, prodejci a zákazníky.

Navazujeme na to, co už funguje

Projekt nekončí na zelené louce. Šumavoproduct s.r.o. dlouhodobě buduje digitální služby podporující regionální ekonomiku a cestovní ruch – a aplikace LocalFarms.ai tuto infrastrukturu dále rozvíjí a doplňuje o nové možnosti správy dat a jejich průběžné aktualizace pomocí umělé inteligence. Nové vzniklá mapa bude dostupná právě na webu **regionálnízajímavosti.cz**, který propojuje regionální produkty s turistickými cíli, kulturními památkami i dalšími zajímavostmi území.

Kdo za tím stojí

Aplikace vzniká v rámci projektu LocalLinks.AI, který realizuje **Šumavoproduct s.r.o.** ve spolupráci s **Úhlavou, o.p.s.** Projekt je podpořen v rámci korupce iniciativy **Polirural Plus** financované z programu Horizont Evropa. Na projektu spolupracují výrobci regionálních potravin, zemědělci, obchodníci, veřejná správa i organizace podporující rozvoj venkova. Funkční prototyp je již hotový a nyní probíhá jeho ověřování s reálnými daty z Půdního kroje.

Sáhněte si, až vám mapu brzy představíme naplněnou. Shledáte nás na webu **regionálnízajímavosti.cz**.

Projekt LocalLinks.AI získal finanční prostředky z projektu PoliruralPlus, který je financován z výzkumného a inovačního programu Evropské unie Horizont Evropa v rámci grantové dohody č. 101738910. Názory a stanoviska vyjádření v tomto dokumentu jsou však pouze názory autora (autorů) a nemusí nutně odrážet názory Evropské unie nebo Evropské výzkumné agentury pro výzkum. Evropská unie ani orgán poskytující grant za ní nenesou odpovědnost.

LocalLinks.AI has received funding from the PoliruralPlus project, which is funded by the European Union's Horizon Europe research and innovation programme under Grant Agreement No. 101738910. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Research Executive Agency. Neither the European Union nor the granting authority can be held responsible for them.

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Sledovat stránku





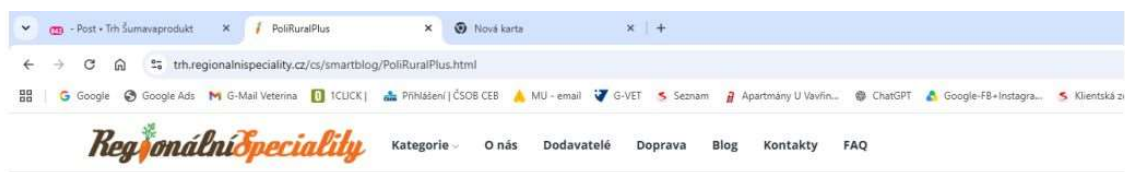
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34/44

<https://trh.regionalnispéciality.cz/cs/smartblog/PoliRuralPlus.html>



PoliRuralPlus

Publikoval: Tomáš Zelený | 08/26/2026 00:00:00 | Home | Komentáře: 0



Šumavaproduct úspěšně dokončil evropský projekt LocalLinks.AI v rámci iniciativy PoliRuralPlus

Společnost Šumavaproduct s.r.o. byla partnerem evropského projektu PoliRuralPlus, financovaného z programu Horizont Evropa (Grant Agreement č. 101136910). V rámci projektu realizovala pilotní iniciativu LocalLinks.AI, zaměřenou na podporu regionálních potravin a rozvoj krátkých dodavatelských řetězců na Klatovsku a Sušicku.

Cíl projektu

Hlavním cílem projektu bylo vytvořit moderní digitální nástroje, které usnadní propojení místních producentů, zemědělců, prodejců, veřejných institucí i spotřebitelů. Projekt reagoval na nedostatek přehledných informací o regionálních výrobcích a jejich dostupnosti a přinesl řešení založené na využití digitálních technologií a umělé inteligence.

Dosažené výsledky

V průběhu projektu byla rozšířena digitální platforma LocalLinks.AI, která umožňuje:

- evidenci regionálních producentů a jejich výrobků,
- zobrazení míst prodeje regionálních produktů,
- mapování vazeb mezi producenty, odběrateli a prodejci,
- správu dat prostřednictvím nástrojů využívajících umělou inteligenci,
- prezentaci regionálních potravin prostřednictvím Atlasu regionálních zajímavostí.

Součástí projektu bylo rovněž zapojení místních producentů, obcí a dalších regionálních partnerů, kteří se podíleli na ověřování dat i návrhu výsledného řešení.

Přínos pro region

Projekt přispěl ke zvýšení dostupnosti informací o regionálních potravinách, podpořil spolupráci mezi jednotlivými aktéry regionálního trhu a vytvořil základ pro další rozvoj krátkých dodavatelských řetězců. Výstupy projektu budou i nadále využívány a rozvíjeny jako součást digitálních služeb společnosti Šumavaproduct.

Na realizaci projektu spolupracovali Šumavaproduct s.r.o., Úhlava, o.p.s. a Jan Strouhal společně s místními producenty, zemědělci, veřejnou správou a dalšími regionálními organizacemi.

Financování projektu

Projekt LocalLinks.AI byl realizován v rámci evropské iniciativy PoliRuralPlus a financován z programu Horizont Evropa (Grant Agreement č. 101136910).

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the granting authority. Neither the European Union nor the granting authority can be held responsible for them.

Social Media Communication

https://www.facebook.com/uhlavaops/posts/1406705614587055?ref=embed_post

Příspěvek od Úhlava o.p.s. - Klatovy



Úhlava o.p.s. - Klatovy

Zveřejněno Pavlem Vondráčkem · 25. února · 🌐



Jsme rádi, že můžeme s firmou Šumavaprodukt spolupracovat na projektu [LocalLinks.AI](#). Další informace o něm najdete také na našich webových stránkách (přímý link:

<https://www.uhlava.cz/index.php?page=547&pages=0&idp=1669...>).



Šumavaprodukt - eshop s regionálními potravinami

25. února · 🌐



Šumavaprodukt součástí evropského projektu PoliRuralPlus

Máme radost! Společnost Šumavaprodukt byla vybrána k realizaci projektu v rámci evropské iniciativy PoliRuralPlus.

Co je jeho cílem?



Propojit malé a střední producenty regionálních potravin z Klatovska a Sušicka s odběrateli, obcemi i spotřebiteli.



Udělat jasno v tom, kdo v regionu co vyrábí a komu dodává.



Posílit místní ekonomiku a krátké dodavatelské řetězce.

V regionu dnes často chybí přehledné informace o lokální nabídce. Projekt proto rozšiřuje existující digitální marketplace a Atlas regionálních specialit o nové funkce pro sběr, aktualizaci a vizualizaci vztahů mezi producenty a odběrateli.

Výsledkem bude přehledná digitální mapa vazeb „kdo–co–komu–kam“ 🗺️

Díky ní bude jednodušší najít lokální dodavatele například pro školy, restaurace nebo obce.

Projekt vzniká ve spolupráci s místními producenty, veřejnou správou a rozvojovými organizacemi a pomáhá lépe propojit venkov a města.

https://www.facebook.com/uhlavaops/posts/1503684188222530?ref=embed_post

Příspěvek od Úhlava o.p.s. - Klatovy



Úhlava o.p.s. - Klatovy je s uživatelem **WirelessInfo**.

Zveřejněno Pavlem Vondráčkem · 22. června v 10:43 ·

...

Aktuálně ve spolupráci s dalšími partnery finišujeme s přípravou aplikace LocalLinks AI, kterou už v blízké době zveřejníme. Součástí tohoto projektu, podpořeného v rámci výzvy **PoliRural Plus** Open Call, není pouze samotný technický vývoj aplikace, ale také intenzivní spolupráce s regionálními aktéry, kteří se podílejí na jejím testování a ověřování v praxi. Během realizace projektu proběhla řada pracovních setkání se stakeholdery z oblasti zemědělství, zpracování potravin, cestovního ruchu, veřejné správy i neziskového sektoru - např. workshop uskutečněný na konci dubna v Klatovech, podobná akce na začátku června ve Dvoře Krutěnice, ale také řada pravidelných pracovních schůzek projektového týmu a klíčových partnerů, zejména ze spol. ŠumavaProdukt a **WirelessInfo**. Na těchto schůzkách byly průběžně testovány jednotlivé funkce systému, řešena kvalita dat, vizualizace vazeb mezi producenty a odběrateli, uživatelské rozhraní i funkčnost chatbotu a mapových nástrojů. Součástí procesu bylo také několik online jednání zaměřených na koordinaci vývoje, připomínkování prototypu a přípravu finálních výstupů projektu. Projekt navazuje na dosavadní výsledky práce Úhlavy, o.p.s., a dalších partnerů a vytváří základ pro další rozvoj digitálních služeb podporujících lokální ekonomiku.



https://www.facebook.com/uhlavaops/posts/1509725770951705?ref=embed_post

Příspěvek od Úhlava o.p.s. - Klatovy



Úhlava o.p.s. - Klatovy

Zveřejněno Pavlem Vondráčkem · 29. června v 12:46 ·

Spustili jsme nový Atlas regionálních zajímavostí.

Najdete v něm tipy na výlety, zajímavá místa i novou interaktivní mapu regionálních potravin, která vám pomůže objevit, kde v Plzeňském kraji koupíte produkty od místních farmářů a výrobců. 📍 🥕 🧀
A poradí vám s tím i chytrý AI chatbot. 🤖

Projekt LocalLinksAI realizují Šumavaproduct s.r.o. a Úhlava, o.p.s. za podpory evropského projektu PoliRural Plus, financovaného z programu Horizon Europe. 🇪🇺

Chcete být také součástí našeho portálu? Kontaktujte nás na e-mailu info@uhlava.cz.

👉 Navštivte <https://regionalnizajimavosti.cz> a objevujte to nejlepší z našeho regionu!

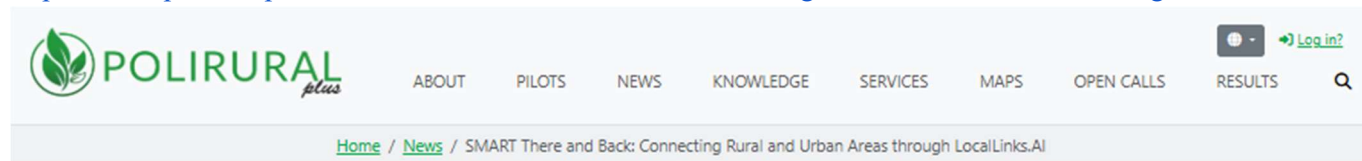


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PoliRuralPlus Blog Posts

<https://www.poliruralplus.eu/news/smart-there-and-back-connecting-rural-and-urban-areas-through-locallinksai>



SMART There and Back: Connecting Rural and Urban Areas through LocalLinks.AI

This article is an English interpretation of the original Czech article published by Úhlava, o.p.s.

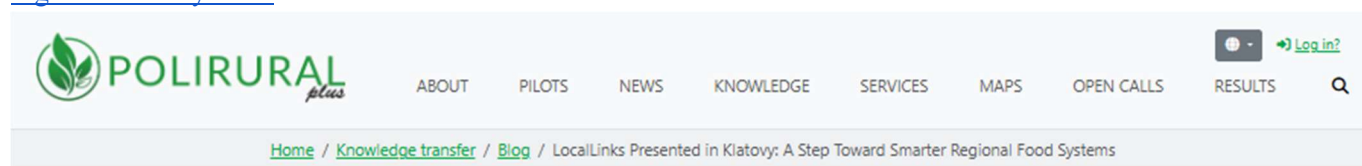
LocalLinks.AI Team (DEVELOP Open Call Winner – Pilot 6, Bavaria–Czech Region) • 3 Mar 2026



In autumn 2025 and the first half of 2026, **Úhlava, o.p.s.** is working on the project **LocalLinks.AI – Smart Mapping and Activation of Short Food Supply Chains in Rural–Urban Regions**, supported under the **PoliRuralPlus DEVELOP Open Call**.

The project focuses on improving the functioning of **short food supply chains** and ...

<https://www.poliruralplus.eu/knowledge-transfer/blog/locallinks-presented-in-klatovy-a-step-toward-smarter-regional-food-systems>



LocalLinks Presented in Klatovy: A Step Toward Smarter Regional Food Systems

This blog is based on the original Czech article published by Úhlava, o.p.s..

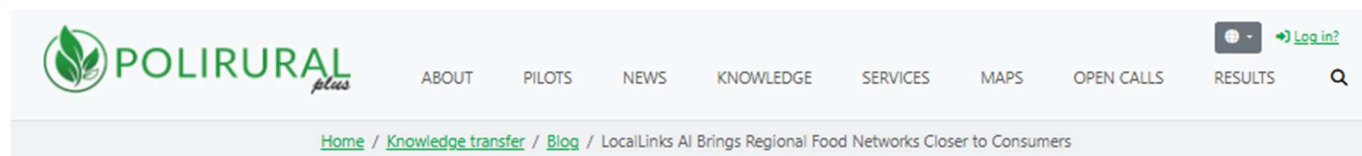
LocalLinks.AI Team (DEVELOP Open Call Winner – Pilot 6, Bavaria–Czech Region) • 20 Apr 2026



On March 3, 2026, a regional meeting in Klatovy brought together farmers, experts, and innovators to explore how digital tools, education, and collaboration can better support agricultural practice. Among the initiatives presented, **LocalLinks.AI** stood out as a practical example of how innovation can directly strengthen local food systems.

Presented by Pavel Vondráček from Úhlava, o.p.s., LocalLinks focuses on **smart mapping**

<https://www.poliruralplus.eu/knowledge-transfer/blog/locallinks-ai-brings-regional-food-networks-closer-to-consumers/>



LocalLinks AI Brings Regional Food Networks Closer to Consumers

A Digital Map Connecting Farmers from the Pilsen Region with the Places Where You Can Buy Their Products



LocalLinks.AI Team (DEVELOP Open Call Winner – Pilot 6, Bavaria–Czech Region) • 4 Jul 2026



Where can you buy cheese from a farm just over the hill? Which local shop sells juice from a nearby orchard, or meat from a regional producer? Finding answers to these questions is often more difficult than it should be. Information is typically scattered across producers' websites, social media pages, local directories, or simply passed on by word of mouth.

<https://www.poliruralplus.eu/knowledge-transfer/blog/locallinks-ai-nears-completion-following-extensive-stakeholder-testing>



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LocalLinks AI Nears Completion Following Extensive Stakeholder Testing

The LocalLinks AI project, supported through the PoliRural Plus Develop Open Call, is entering its final phase, with the public release of the application expected in the near future.



LocalLinks AI Team (DEVELOP Open Call Winner – Pilot 6, Bavaria–Czech Region) • 24 Jun 2026



The **LocalLinks AI** project, supported through the **PoliRural Plus Develop Open Call**, is entering its final phase, with the public release of the application expected in the near future.



https://www.instagram.com/p/DaNXDMAiK1T/?img_index=1

