Digital Innovation and Transformation Bootcamps

D4.2



EDIH ADRIA

EDIH Adria – EUROPEAN DIGITAL INNOVATION HUB ADRIA – Digital Transformation of Adriatic Croatia
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3.0	**03/12/2025**	**Annual report 2025 (final version of the deliverable)**	**STEP RI**
3.1	**07/09/2026**	**Errata: corrected figures in Table 5**	**UNIRI (Project Coordinator)**

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DISCLAIMER

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1. General Objective of the EDIH Adria DIT Bootcamp Events

The EDIH Adria DIT bootcamp events are designed as intensive events that include workshops, mentoring, and developmental counselling. **The format of each DIT bootcamp event can be customized based on the capabilities and needs of the users**. The execution format can be modular (1-2 days of collaborative work + 2-3 days of additional consultations) and/or flexible (live, online, and hybrid). In addition to the bootcamp itself, mentors are available to the users for 15 days after the DIT bootcamp event.

The objective of the EDIH Adria DIT bootcamp event is to develop and elaborate on a working/initial version of a project idea for digitalization. During the bootcamp event, users will work on:

- understanding the current state of their own business in the context of digitalization,
- identifying opportunities for the application and implementation of new digital technologies in their business,
- identifying digital technologies that enable the development of new and improvement of existing products and services,
- understanding the impact of digitalization on their business, value proposition, competitive advantage, and business model,
- challenges for successful implementation of digital technologies, and
- defining uncertainties and challenges that need to be tested before investment and implementation.

The role of the EDIH Adria DIT bootcamp event is to prepare the ground for creating a project task for TBI (Test-before-invest) activity, i.e., to enable the identification of key elements for the development of digital solutions and addressing uncertainties of its implementation, which will be the focus of the EDIH Adria TBI activities. In other words, the DIT bootcamp event represents either the preparation for a digitalization project (in case all the elements of implementation are clearly defined) or the preparation of the application for TBI support (in case there are uncertainties regarding the possibilities of application or implementation of technology).

At the end of every bootcamp event, evaluation forms are handed out to its participants. This serves as quality assurance of these events.

There are **two types of EDIH Adria DIT Bootcamp Events – Digital Innovation Bootcamp and Digital Transformation Bootcamp.**

The target group of the **digital innovation bootcamp** are **companies (SMEs) that are developing digital solutions** for the market with a focus on specific application areas (health, transport, and energy).

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The target group of the **digital transformation bootcamp**, on the other hand, are **companies (SMEs) and public institutions (PI)** that want to apply or develop new digital solutions for internal use, i.e. digitalization of their own business.

Small mid-caps (MCs) are identified as a target group according to the Grant Agreement (GA). However, due to their ineligibility as state aid users and the ambiguity in the billing procedure as per national laws, the public call is specifically directed towards SMEs and PIs.

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2. Summary of the Reports on the DIT Bootcamp Events

Table 1: Aggregate data for the **period 2023–2025**

DIT bootcamp event type	Number of users	Type of user		Value of the services provided in 2023 and 2024	Value of the services provided in 2025*
		PI	SME		
Digital innovation	24	Not applicable	24	56.000,00 EUR	47.000,00 EUR
Digital transformation	63	55	8	204.000,00 EUR	58.000,00 EUR
Total	**87**	**55**	**32**	**260.000,00 EUR**	**105.000,00 EUR**
Total value of services provided for the period 2023-2025				**365.000,00 EUR**	

** As of February 2025, the value of the service has changed from 4.000,00 EUR to 5.000,00 EUR.*

Table 2: Annual statistics

Year	DIT bootcamp event type	Number of users	Type of user		Value of the services provided
			PI	SME	
2023	Digital innovation	0	Not applicable	0	0,00 EUR
	Digital transformation	4	4	0	16.000,00 EUR
2024	Digital innovation	14	Not applicable	11	56.000,00 EUR
	Digital transformation	47	43	4	188.000,00 EUR
2025	Digital innovation	10	Not applicable	10	47.000,00 EUR
	Digital transformation	12	8	4	58.000,00 EUR

Table 3: DIT Bootcamp events in **2023**

No	Date	Location	DIT bootcamp event type	Number of users	Type of user		Value of the services provided
					PI	SME	
1	11/12 – 12/12/2023	STEP RI premises in Rijeka	Digital transformation	4	4	0	16.000,00 EUR

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Total	**4**	**4**	**0**	**16.000,00 EUR**

Table 4: DIT Bootcamp events in **2024**

No	Date	Location	DIT bootcamp event type	Number of users	Type of user		Value of the services provided
					PI	SME	
1	15/01 – 16/01/2024	STEP RI premises in Rijeka	Digital transformation	5	5	0	20.000,00 EUR
2	15/02 – 16/02/2024	SPINIT inkubator premises in Split	Digital transformation	5	5	0	20.000,00 EUR
3	14/03 – 15/03/2024; 13/03/2024 (online); 22/03/2024 (another location)	STEP RI premises in Rijeka; online; Municipality of Fužine premises in Fužine	Digital transformation	6	6	0	24.000,00 EUR
4	08/04 – 09/04/2024	Infobip Quantum premises in Vodnjan	Digital transformation	6	6	0	24.000,00 EUR
5	23/04 – 24/04/2024	Infobip Quantum premises in Vodnjan	Digital transformation	11	11	0	44.000,00 EUR
6	19/09 – 20/09/2024	STEP RI premises in Rijeka	Digital innovation	5	N/A	5	20.000,00 EUR
7	07/10 – 08/10/2024	SPINIT inkubator premises in Split	Digital innovation	4	N/A	4	16.000,00 EUR
8	24/10 – 25/10/2024	STEP RI premises in Rijeka	Digital innovation / transformation	5	2	3	20.000,00 EUR
9	19/11 – 20/11/2024; 25/11 & 28/11/2024 (online, in two meetings)	Ericsson Nikola Tesla premises in Zagreb; online	Digital transformation	7	7	0	28.000,00 EUR

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10	05/12 – 06/12/2024	Infobip Quantum premises in Vodnjan	Digital innovation / transformation	7	1	6	28.000,00 EUR
			Total	**61**	**43**	**18**	**244.000,00 EUR**

Table 5: DIT Bootcamp events in **2025**

No	**Date**	**Location**	**DIT bootcamp event type**	**Number of users**	**Type of user**		**Value of the services provided**
					PI	**SME**	
1	30/01 – 31/01/2025	STEP RI premises in Rijeka	Digital innovation / transformation	5	2	3	20.000,00 EUR
2	27/02 – 28/02/2025	JU Razvojna agencija Šibensko-kninske županije, Šibenik	Digital transformation	5	4	1	25.000,00 EUR
3	13/03 – 14/03/2025	Tehnološki park Split	Digital innovation / transformation	5	1	4	25.000,00 EUR
4	14/04 – 15/04/2025	Zadar, INOVAcija	Digital innovation / transformation	6	1	5	30.000,00 EUR
5	12/09/2025	Zagreb, Vinarija Iuris	Digital innovation	1	0	1	5.000,00 EUR
			Total	**22**	**8**	**14**	**105.000,00 EUR**

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3. Reports on the DIT Bootcamp Events

3.1. DIT Bootcamp for Digital Transformation – 11th-12th December 2023, Rijeka

Date of the event	11th-12th December 2023
Location of the event	STEP RI, Radmile Matejčić 10, Rijeka, Croatia
Number of users	4
Partners in charge	UNIRI, ENT, UNIPU, STEP RI
Total value of the services provided	16.000,00 EUR[1]
Service provision period	11th-27th December 2023

These **users** participated in the event:

No	User	VAT number	User type
1	Grad Opatija (City of Opatija)	99455464348	PI
2	Grad Kastav (Town of Kastav)	54394236461	PI
3	Fakultet za menadžment u turizmu i ugostiteljstvu (Faculty of Tourism and Hospitality Management)	85799845149	PI
4	Lječilište Veli Lošinj (Health Resort Veli Lošinj)	19513242937	PI

The team of **experts and mentors** who worked with the users is the following:

1. UNIRI – Damir Medved,
2. ENT – Saša Vojvodić,
3. ENT – Lidija Čović,
4. ENT – Zdenko Kljaić,
5. ENT – Matea Grdić,
6. UNIPU – Gordan Krčelić,
7. STEP RI – Boris Golob.

[1] 4,000.00 EUR per user, in accordance with the defined price list of EDIH Adria.

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Apart from the experts, these persons participated in the event as **event support**:

1. STEP RI – Mario Vukelić,
2. STEP RI – Sara Tikel.

Since this was the first DIT bootcamp, an effort was made to include as many mentors as possible, in order to gain experience and improve and adapt further DIT bootcamp events.

Drafted **project ideas** for TBI**:**

- **Grad Opatija:**
  - a digital twin project that will solve the problems of traffic jams and lack of parking space in Opatija,
  - digital solution for circular tourism to reduce the ecological footprint,
  - an IoT-based solution for smart lighting.
- **Grad Kastav:**
  - interoperability – determining whether it is possible to achieve a higher level of interoperability with the applications currently in use,
  - implementation of a project management platform,
  - introduction of a digital assistant.
- **Fakultet za menadžment u turizmu i ugostiteljstvu :**
  - digitization of attendance records of students and teachers (digital attendance records in the classrooms),
  - performance dashboard for administration/dean with key information (finances, teaching information, infrastructure, etc.),
  - use of AI in communication channels with potential students (focus on the Far East and foreign students, studies in English) – chatbot assistant, WhatsApp, etc. with information about studies, enrolment, scholarships, accommodation, and other relevant information.
- **Lječilište Veli Lošinj:**
  - digital twin draft for accommodation capacity management (bed/room/object/facility).

3.2. DIT Bootcamp for Digital Transformation – 15th-16th January 2024, Rijeka

Date of the event	15th-16th January 2024
Location of the event	STEP RI, Radmile Matejčić 10, Rijeka, Croatia
Number of users	5

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Partners in charge	UNIRI, ENT, UNIPU, STEP RI
Total value of the services provided	20.000,00 EUR
Service provision period	15th-31st January 2024

These **users** participated in the event:

No	User	VAT number	User type
1	EKO-MURVICA d.o.o. (EKO-MURVICA Ltd.)	58401982639	PI
2	Grad Novi Vinodolski (City of Novi Vinodolski)	4004637733	PI
3	Primorsko-goranska županija (Primorje-Gorski Kotar County)	32420472134	PI
4	Grad Bakar (City of Bakar)	31708325678	PI
5	KD VODOVOD I KANALIZACIJA d.o.o. (KD VODOVOD I KANALIZACIJA Ltd.)	80805858278	PI

The team of **experts and mentors** who worked with the users is the following:

1. UNIRI – Damir Medved,
2. UNIRI – Dino Aljević,
3. UNIRI – Miran Pobar,
4. UNIRI – Tanja Pavlović Flegar,
5. UNIRI – Tamara Grubiša,
6. ENT – Saša Vojvodić,
7. ENT – Lidija Čović,
8. ENT – Zdenko Kljaić,
9. ENT – Matea Grdić,
10. ENT – Bojan Blažona,
11. UNIPU – Gordan Krčelić,
12. STEP RI – Boris Golob,
13. STEP RI – Mario Vukelić.

Apart from the experts, the following persons participated in the event as **event support**:

1. SMART RI – Emira Brkić Karninčić,
2. STEP RI – Suzana Knežević,
3. STEP RI – Sara Tikel.

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Recognizing the significant benefits of having a larger number of mentors for more effective team collaboration, we have included more mentors in this bootcamp compared to previous ones. This approach will be continued if it proves successful. The goal is also to train as many mentors as possible to be able to provide their expertise to the users of bootcamps.

Drafted **project ideas** for TBI**:**

- **EKO-MURVICA:**
  - optimization of waste collection routes in the area of the City of Crikvenica and neighbouring municipalities,
  - on-demand waste collection,
  - identification of users who separate waste,
  - digitization of appointment management in sports facilities.
- **Grad Novi Vinodolski:**
  - "unified billing" – a universal virtual assistant/AI chatbot for the city's and/or utility company's communication with existing and potential users,
  - simulation of the potential for solar energy electricity production and its utilization by users, involving the optimization of distribution throughout the day, week, and year (includes leveraging different consumption patterns in alignment with continuous production throughout the day).
- **Grad Bakar:**
  - digital (AI) assistant for communication with citizens – determining whether AI can be used to create chatbots and virtual assistants that can answer citizens' queries and carry out automated entitlement reviews,
  - interoperability – determining whether it is possible to achieve a higher level of interoperability with the applications currently in use,
  - smart facilities management solutions – determining whether and how to use IoT solutions in facility management to increase its efficiency.
- **Primorsko-goranska županija:**
  - GTFS – digitization of timetables which will assure the complementarity of timetables of various carriers,
  - NeTEx digitization of stops – register of public transport stops,
  - use of advanced analytical methods through mobile network data for the analysis of the demand for transport services (optimization of public transport),
  - creation of scenarios for different transport services – new lines, micro transport, boat mooring.
- **KD VODOVOD I KANALIZACIJA:**
  - monitoring the implementation of projects – digitalization of the process,
  - organizing the user base – with the use of a chatbot,
  - regulating the quality of data in the system.

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3.3. DIT Bootcamp for Digital Transformation – 15th-16th February 2024, Split

Date of the event	15th-16th February 2024
Location of the event	SPINIT inkubator, Antuna Gustava Matoša 56, Split, Croatia
Number of users	5
Partners in charge	UNIRI, ENT, UNIPU, STEP RI, Infobip
Total value of the services provided	20.000,00 EUR
Service provision period	15th February 2024 – 2nd March 2024

These **users** participated in the event:

No	User	VAT number	User type
1	Grad Solin (City of Solin)	40642464411	PI
2	Grad Kaštela (City of Kaštela)	08727843572	PI
3	Grad Split (City of Split)	78755598868	PI
4	Općina Šolta (Municipality of Šolta)	38621571773	PI
5	SPLIT PARKING d.o.o. (SPLIT PARKING Ltd.)	90551978160	PI

The team of **experts and mentors** who worked with the users is the following:

1. UNIRI – Damir Medved,
2. UNIRI – Tanja Pavlović Flegar,
3. UNIRI – Tamara Grubiša,
4. ENT – Saša Vojvodić,
5. ENT – Lidija Čović,
6. ENT – Zdenko Kljaić,
7. ENT – Zoran Civadelić,
8. UNIPU – Gordan Krčelić,
9. UNIPU – Luka Blašković,
10. UNIPU – Alesandro Žužić,
11. STEP RI – Boris Golob,

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12. Infobip – Josipa Vukalović,
13. Infobip – Jana Jambrešić,
14. Infobip – Dora Delić.

Drafted **project ideas** for TBI**:**

- **Grad Solin:**
  - consolidation of applied digital solutions (interoperability):
    - increasing network capacity (switching from MB to GB),
    - computer system and computer local network security,
    - backup system,
    - system of central printing.
- **Grad Kaštela:**
  - introduction of integrated billing and a potential city card,
  - assistant for communication with citizens,
  - reporting & analytics/data warehousing platform – a central platform for tracking and finding errors and anomalies,
  - monitoring employee performance and KPIs.
- **Grad Split:**
  - AI chatbot (for the Smart City app):
    - the application of AI solutions for text communication and informing the citizens of the city of Split to relieve the call center, expand the availability of services and optimize processes in the city administration,
    - possibility of making the AI learn the "dictionary/index" of the City of Split with all relevant documents, regulations, etc. Possible need for refinement and description of some specific processes.
  - data consolidation (data lake)
    - the disconnection and incompatibility of the main software solutions (software packages for office operations, public procurement, budgeting, invoicing, GIS, Pazi grad and Smart City application + e-signature functionality), with each other as well as with national databases and solutions, limits the application of advanced management and analytical tools,
    - the proposed solution is to create a data lake, i.e. an integrated complete database that is updated daily (analytics delay at the level of one day) with a middleware solution for the integration of different databases.
- **Općina Šolta:**
  - identification of illegal construction, extension, embankment of the coast, and wild landfills by applying AI algorithms on satellite images of the island, presentation of the results on a GIS interactive map,
  - identification and counting of ships anchored in the island's waters in the summer,
  - construction of a system of small solar power plants in locations where rainwater is collected with the possibility of selling electricity to HEP (energy

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consumption for street lighting makes up more than 50% of the cost in the municipality),
  - utilization of locations where rainwater is collected for technical water or irrigation water since the island does not have its own pumping station - construction of a pumping station and water supply network,
  - placement of cameras in appropriate positions to achieve early detection of fires on the island.
- **SPLIT PARKING:**
  - system of video analytics and detection of parking spaces,
  - central user base with accompanying analytics,
  - central monitoring and control system to maintain photovoltaic power plants,
  - system for personalized communication with contracted users,
  - central system for "green" transport (scooters, bicycles).

3.4. DIT Bootcamp for Digital Transformation – 14th-15th March 2024, Rijeka

Date of the event	14th-15th March 2024
Location of the event	STEP RI, Radmile Matejčić 10, Rijeka, Croatia
Number of users	4
Partners in charge	UNIRI, ENT, UNIPU, STEP RI, Infobip
Total value of the services provided	16.000,00 EUR
Service provision period	14th-30th March 2024

These **users** participated in the event:

No	User	VAT number	User type
1	Grad Delnice (City of Delnice)	03944325629	PI
2	Grad Kraljevica (City of Kraljevica)	41878841251	PI
3	Općina Matulji (Municipality of Matulji)	23730024333	PI
4	Općina Punat (Municipality of Punat)	59398328383	PI

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The team of **experts and mentors** who worked with the users is the following:

1. UNIRI – Damir Medved,
2. UNIRI – Tanja Pavlović Flegar,
3. ENT – Saša Vojvodić,
4. ENT – Lidija Čović,
5. ENT – Zdenko Kljaić,
6. ENT – Matea Grdić,
7. UNIPU – Gordan Krčelić,
8. UNIPU – Ivan Lorencin,
9. SMART RI – Emira Brkić Karninčić,
10. Infobip – Josipa Vukalović,
11. Infobip – Domagoj Mihaljević.

Apart from the experts, the following persons participated in the event as **event support**:

1. STEP RI – Suzana Knežević,
2. STEP RI – Sara Tikel,
3. STEP RI – Mario Vukelić.

Drafted **project ideas** for TBI**:**

- **Grad Delnice:**
  - digitization of internal processes because of the insufficient use of the e-office, the need to introduce digital signatures for employees, and the possibility of automating transcripts for city council meetings and other events for which meeting minutes are kept,
  - video surveillance to control illegal parking in the strict city center as well as potentially monitor illegal waste dumps,
  - implementation of IoT sensors – the problem of having a pellet factory relatively close to the center (near a private kindergarten and other children's facilities); citizens often complain about unpleasant odors and potential pollution,
  - the "uberization" of transportation – the option of transportation on demand through a digital platform and management system to ensure that residents of remote locations can easily reach Delnice as an administrative center; employment would also be offered to people who can offer transportation.
- **Grad Kraljevica:**
  - implementation of a chatbot for direct communication with citizens (to provide information about city events, construction conditions in construction zones, and construction restrictions,
  - development of a digital system that will provide citizens with insight into their debt for services provided by the City of Kraljevica (this includes holiday property taxes and utility charges etc.,

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  - creation of a digital solution for parking management, including information on parking availability and the possibility of paying for parking via a mobile application.
- **Općina Matulji:**
  - analysis of transit and freight traffic with new digital solutions that will help in making decisions about traffic diversion to reduce investments in infrastructure maintenance and increase general social well-being (increasing safety, reducing traffic congestion and reducing pollution),
  - analysis of supply and demand of public transport using new digital data collection methods and analyses to improve public transport in the municipality and beyond,
  - e-mobility (construction of e-charging stations) –classification of appropriate positions of charging stations in the area of the municipality (industrial and business zones, garages, etc.) to earn additional income for the municipality, promote green technologies, and attract users of industrial and business zones,
  - creation of a platform for faster and easier communication with citizens, with improved control and monitoring.
- **Općina Punat:**
  - digitization of the municipality: implementation of the GIS system; administrative relief (user registration and data entry only once when submitting various requests to the municipality); defining procedures regarding data protection and security; digitization of municipal council sessions; chatbot for simpler inquiries from citizens,
  - informative communication solution for providing information to locals and visitors in one place with access via QR codes in public areas and in facilities where visitors stay to ensure personalization following the interests of users using artificial intelligence; considered technological solutions are web applications and/or WhatsApp chatbot,
  - application of analytical methods based on available data from the mobile operator's network, for monitoring migration and informed decision-making in the traffic domain.

NOTE: The specificity of this bootcamp was that two users could not participate in it at the agreed time and place, therefore the bootcamp was held online with one user, and live with the other user, but on a different date and location. These users are the Communal Society of the City of Solin and the Municipality of Fužine – information about their participation in the bootcamp will be presented in the following subsections.

3.4.1. DIT Bootcamp for Digital Transformation – 13th March 2024, online

Date of the event	13th March 2024

Projekt je temeljem Ugovora o dodjeli bespovratnih sredstava br. 101083838, sufinanciran od strane Europske unije iz programa Digitalna Europa (DIGITAL) te iz Državnog proračuna Republike Hrvatske

Location of the event	online
Number of users	1
Partners in charge	ENT
Total value of the services provided	4.000,00 EUR
Service provision period	13th-28th March 2024

This bootcamp for digital transformation was held online, but it is considered to be a part of the fourth bootcamp that was held on the 14th and 15th of March because the users applied in the same cut-off date.

The following **user** participated in this online event:

No	User	VAT number	User type
1	KOMUNALNO DRUŠTVO GRADA SOLINA d.o.o. (KOMUNALNO DRUŠTVO GRADA SOLINA Ltd.)	19526025847	PI

The team of **experts and mentors** who worked with the users is the following:

1. ENT – Lidija Čović,
2. ENT – Zdenko Kljaić,
3. ENT – Matea Grdić.

Drafted **project ideas** for TBI**:**

- renovation of local infrastructure, computer systems, printers to optimize energy consumption – central printing system,
- a smaller server for active directory administration,
- synology backup storage (4 SSD, 2TRB, Azure cloud)
- digitization of parking (card parking payment), sensors and display for showing the occupancy of the parking space (mobile application),
- external service for displaying public data on grave sites (website),
- improvement and scaling of the GIS system (extension to drone footage).

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3.4.2. DIT Bootcamp for Digital Transformation – 22nd March 2024, Fužine

Date of the event	22nd March 2024
Location of the event	Općina Fužine, Dr. Franje Račkog 19, Fužine, Croatia
Number of users	1
Partners in charge	UNIRI
Total value of the services provided	4.000,00 EUR
Service provision period	22nd of March – 6th of April 2024

This bootcamp for digital transformation was held in a different location (on the premises of the Municipality of Fužine), but it is considered to be a part of the fourth bootcamp that was held on the 14th and 15th of March because the users applied in the same cut-off date.

The following **user** participated in this online event:

No	User	VAT number	User type
1	Općina Fužine (Municipality of Fužine)	50371966761	PI

The following **mentor** worked with this user on this bootcamp:

1. UNIRI – Damir Medved.

Drafted **project ideas** for TBI**:**

- introduction of digital assistants to facilitate daily activities in the work of the municipality and communication with citizens (domains of communal activities and social rights),
- creation of a monitoring platform (illegal construction, illegal waste disposal sites, destruction of greenery, etc.),
- monitoring traffic in the municipality (active and passive), counting vehicles and passers-by.

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3.5. DIT Bootcamp for Digital Transformation – 8th-9th April 2024, Vodnjan

Date of the event	8th-9th April 2024
Location of the event	Infobip Quantum, Istarska 9A, Vodnjan, Croatia
Number of users	6
Partners in charge	Infobip, ENT, UNIPU, STEP RI
Total value of the services provided	24.000,00 EUR
Service provision period	8th-24th April 2024

These **users** participated in the event:

No	User	VAT number	User type
1	CARNet – Hrvatska akademska i istraživačka mreža (CARNet – Croatian Academic and Research Network)	58101996540	PI
2	Grad Pula – Pola (City of Pula – Pola)	79517841355	PI
3	Grad Vodnjan – Citta' di Dignano (City of Vodnjan – Citta' di Dignano)	15554218499	PI
4	IDA d.o.o. (IDA Ltd.)	90084809413	PI
5	Turistička zajednica Grada Pule (Tourism Office Pula)	70023627782	PI
6	VODOVOD PULA d.o.o. (VODOVOD PULA Ltd.)	19798348108	PI

The team of **experts and mentors** who worked with the users is the following

1. ENT – Matea Grdić,
2. ENT – Zdenko Kljaić,
3. UNIPU – Ivan Lorencin,
4. UNIPU – Gordan Krčelić,
5. STEP RI – Boris Golob,
6. Infobip – Robin Čalić,
7. Infobip – Kristijan Opačak,
8. Infobip – Dora Delić,
9. Infobip – Jana Jambrešić,

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10. Infobip – Josipa Vukalović.

Drafted **project ideas** for TBI**:**

- **CARNet:**
  - AI DMaaS (DMaaS Digital Maturity as Service), the e-University project, a project that has already started in cooperation between CARNET and AZVO: artificial intelligence in the digital maturity of higher education institutions – a consultant for digital transformation, i. e. a model for evaluating universities in terms of digital maturity; in CARNET, they have a strategic project for the accreditation of higher education institutions as part of the e-UniV project,
  - "Potjeh" – system for self-assessment of the knowledge of primary and secondary school students; a knowledge graph would be created in which the learning outcomes would be linked with the assessment of knowledge acquisition – the knowledge graph would then be linked to digital learning content; this would be an integral part of the "BrAin" project, which they intend to implement.
- **Grad Pula:**
  - communication platform on the website of the City of Pula intended for communication with citizens (AI chatbot),
  - digital solution for unified management of all the projects of the City of Pula.
- **Grad Vodnjan:**
  - monitoring of illegal construction through satellite images using artificial intelligence,
  - monitoring of illegal dumping of waste through satellite images using artificial intelligence,
  - controlling the proper use of state agricultural land leased to citizens of Vodnjan via satellite images using artificial intelligence
- **IDA:**
  - system for online reservation of the rooms of the Coworking center Pula – payment system, occupancy record system (on the web: https://coworkingpula.hr/),
  - chatbot for inquiries about space occupancy, education and consulting (for the website https://ida.hr/hr/).
- **Turistička zajednica Grada Pule:**
  - the new Tourism Law NN156/2023 introduces changes and requirements for tourist offices with the aim of developing tourism in the direction of sustainability; it is necessary to devise a way of digital transformation of the Tourism Office Pula according to the changes in the Law, but also to propose innovative solutions according to new trends in tourism,
  - with the introduction of digital technologies, it is necessary to enable new innovative solutions for user personalization, in order to be able to manage the workload of the destination, as well as the wishes of the guest (tourist); an important goal of the changes in the law on tourism is sustainability, which means that it is necessary to introduce sensor measurements with

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the aim of minimizing the environmental footprint while the tourist travels and stays in the destination in question.

- **Vodovod Pula:**
  - cybersecurity/information security check – as a “critical infrastructure” they have a legal obligation to develop a cybersecurity plan/strategy by March 2025; they want to define the framework of the plan based on law obligations and want EDIH Adria to help them identify and test critical points and the existing system as a whole, as well as suggest possible improvements that will enable them to achieve a higher level of security,
  - introduction of the DMS system as a supplement to the existing ERP (internally developed and maintained "Vodapis" system) as well as other internally managed software solutions (MS Exchange, Office, Antivirus) or those from external suppliers (GIS, web, application, Scada); a possible project idea is the introductory presentation of the DMS system, selection of one process for testing, internal DMS application testing and defining the final specification and functionality of the DMS based on their needs.

3.6. DIT Bootcamp for Digital Transformation – 23rd-24th April 2024, Vodnjan

Date of the event	23rd-24th April 2024
Location of the event	Infobip Quantum, Istarska 9A, Vodnjan, Croatia
Number of users	11
Partners in charge	Infobip, ENT, UNIPU, STEP RI, UNIRI
Total value of the services provided	44.000,00 EUR
Service provision period	23rd April 2024 – 9th May 2024

These **users** participated in the event:

No	User	VAT number	User type
1	Grad Rovinj (City of Rovinj)	25677819890	PI
2	Grad Labin (City of Labin)	19041331726	PI
3	Turistička zajednica Općine Fažana (Tourist Board Fažana)	73550873956	PI

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4	Dom zdravlja Primorsko-goranske županije (Community health centre of the Primorje-Gorski Kotar County)	20043484292	PI
5	Istarska županija – Upravni odjel za zdravstvo i socijalnu skrb (Istrian County – Administrative Department for Health and Social Welfare)	90017522601	PI
6	Nastavni zavod za hitnu medicinu Istarske županije (Institute of emergency medicine of the Istrian County)	40606155880	PI
7	Dom "Domenico Pergolis" (Retirement home "Domenico Pergolis")	65822625952	PI
8	Dom za starije osobe Raša (Retirement home Raša)	31771481585	PI
9	Dom za starije osobe Novigrad (Retirement home Novigrad)	63948970882	PI
10	Grad Buzet (City of Buzet)	77489969256	PI
11	Općina Gračišće (Municipality of Gračišće)	54846336787	PI

The team of **experts and mentors** who worked with the users is the following

1. UNIRI – Tamara Grubiša
2. UNIRI – Tanja Pavlović Flegar,
3. ENT – Matea Grdić,
4. ENT – Zdenko Kljaić,
5. ENT – Lidija Čović,
6. ENT – Saša Vojvodić,
7. ENT – Goran Streny,
8. UNIPU – Ivan Lorencin
9. UNIPU – Gordan Krčelić,
10. STEP RI – Mario Vukelić,
11. Infobip – Josip Mršić,
12. Infobip – Josipa Vukalović.

Drafted **project ideas** for TBI**:**

- **Grad Rovinj:**
  - digital transformation of idle traffic with a focus on achieving sustainability parameters.
  - smart parking,
  - digitalization of the waste collection and management.
- **Grad Labin:**
  - a chatbot integrated into the website of the City of Labin, which would enable citizens and parties to be better informed about certain procedures,

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  - an application for reviewing the balance and payment of obligations (bills) towards the City of Labin and utility companies,
  - a system for creating application forms integrated into the website of the City of Labin and
  - a system for office operations, i.e. collaboration on project implementation.
- **Turistička zajednica Općine Fažana:**
  - chatbot for informing users (tourists and residents) about parking, Brijuni National Park and giving information to renters
  - a platform for collecting data on the sustainability of the destination.
- **Dom zdravlja Primorsko-goranske županije:**
  - AI in radiology for reading mammographic findings; identification of suspicious lesions.
- **Istarska županija – Upravni odjel za zdravstvo i socijalnu skrb:**
  - a chatbot for providing information related to the status/availability of their PHC doctor (working hours, sick leave, team without a holder/change of teams, contact information, working Saturdays, on-call, etc.)
- **Nastavni zavod za hitnu medicinu Istarske županije:**
  - AI assistance when assigning sanitation transport to teams.
- **Dom "Domenico Pergolis":**
  - IT solution for the management of the retirement home's waiting lists.
- **Dom za starije osobe Raša:**
  - an IT solution that will improve the process of ordering medicines for users of home accommodation; a database of users and their regular therapies; a list of medicines that need to be ordered from a general practitioner, and picked up from pharmacies.
- **Dom za starije osobe Novigrad:**
  - an application that will help departments in creating a working schedule; the application would improve the planning of shift work while respecting the legal provisions and ensuring equal workload.
- **Grad Buzet:**
  - application of smart solutions for the establishment and development of sustainable traffic at rest (primarily of the parking in the area of the old city centre),
  - optimization of public transport (city, intercity),
  - rationalization of business processes.
- **Općina Gračišće:**
  - a chatbot for communication with citizens,
  - digital infrastructure cadastre,
  - digital solution for automated campaigns related to municipality activities.

NOTE: In this bootcamp, users from the health care system worked together, as their similar needs were identified. Therefore, the topics listed above are only the main topics discussed, despite the significant overlap in almost all topics.

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3.7. DIT Bootcamp for Digital Innovation – 19th-20th September 2024, Rijeka

Date of the event	19th-20th September 2024
Location of the event	STEP RI, Radmile Matejčić 10, Rijeka, Croatia
Number of users	5
Partners in charge	UNIRI, ENT, UNIPU, STEP RI
Total value of the services provided	20.000,00 EUR
Service provision period	19th-4th October 2024

These **users** participated in the event:

No	User	VAT number	User type
1	ALIUS GRUPA d.o.o. (ALIUS GRUPA Ltd.)	75696670026	SME
2	INFRA PLAN KONZALTING d.o.o. (INFRA PLAN KONZALTING Ltd.)	66821246117	SME
3	CENOSCO CROATIA d.o.o. (CENOSCO CROATIA Ltd.)	37850532434	SME
4	ISTRA TECH d.o.o. (ISTRA TECH Ltd.)	94114100359	SME
5	ALARM AUTOMATIKA d.o.o. (ALARM AUTOMATIKA Ltd.)	30532290707	SME

The team of **experts and mentors** who worked with the users is the following:

1. ENT – Saša Vojvodić,
2. ENT – Matea Grdić,
3. ENT – Robert Radović,
4. ENT – Domagoj Pleština,
5. UNIPU – Gordan Krčelić,
6. UNIRI – Damir Medved
7. STEP RI – Boris Golob,
8. STEP RI – Neven Tamarut,
9. STEP RI – Mario Vukelić.

Apart from the experts, the following persons participated in the event as **event support**:

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1. STEP RI – Sara Tikel,
2. STEP RI – Aleksandra Borjanić.

Drafted **project ideas** for TBI**:**

- **Alius Grupa:**
  - safe transport of medications; the product should contain IT components in the form of temperature sensors and a display for indicating the condition inside the container; a mobile application for monitoring the condition inside the container in which the medications are being transported is also being considered as part of the solution.
- **Infra Plan Consulting:**
  - a digital model (BIM) that will be used for new and existing buildings, with the integration of EPD (Environmental Product Declarations); this approach aims to combine Building Information Modeling (BIM) with EPD, enabling access to information about the environmental characteristics of materials used in construction projects; a digital twin of the building will also be developed.
- **Cenosco Croatia:**
  - asset management in the oil industry, named 'AI helper', consisting of three components: LLM summarizer that reads a defined number of records from previous maintenance reports of a specific system component and generates a summary in text form according to predefined criteria, a graphical representation of all previous service activities on the selected system component and a list of future maintenance activities for the selected system component, with indications of the planned dates.
- **Istra Tech:**
  - possible implementation of PostgreSQL and new AI-supported development tools; selection of a migration strategy and proposal for business process transformation, presentation of best practices in this domain, analysis of the possibilities for using AI-based migration tools, development of a roadmap and budgeting.
- **Alarm Automatika:**
  - "platform for tourism" as a solution for energy consumption monitoring, air composition measurement, safety elements, upgraded with AI to enable proactive management; the platform would be designed to manage energy consumption in tourist apartments (guests often use excessive amounts of energy (electricity, water), and the apartment owners do not have a clear way of monitoring and billing the consumption).

3.8. DIT Bootcamp for Digital Innovation – 7th-8th October 2024, Split

Date of the event	7th-8th October 2024

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Location of the event	SPINIT inkubator, Antuna Gustava Matoša 56, Split, Croatia
Number of users	4
Partners in charge	ENT, STEP RI, Infobip
Total value of the services provided	16.000,00 EUR
Service provision period	7th-22nd October 2024

These **users** participated in the event:

No	User	VAT number	User type
1	KRISTALNA IDEJA d.o.o. (KRISTALNA IDEJA Ltd.)	36016267216	SME
2	CIAN d.o.o. (CIAN Ltd.)	04201603871	SME
3	EUPOLIS GRUPA d.o.o. (EUPOLIS GRUPA Ltd.)	04127056963	SME
4	MARINE KAŠTELA d.o.o. (MARINE KAŠTELA Ltd.)	91193992241	SME

The team of **experts and mentors** who worked with the users is the following:

1. ENT – Zdenko Kljajić
2. ENT – Domagoj Pleština,
3. STEP RI – Boris Golob,
4. STEP RI – Neven Tamarut,
5. Infobip – Dragan Benčić.

Apart from the experts, the following persons participated in the event as **event support**:

1. STEP RI – Sara Tikel,
2. STEP RI – Aleksandra Borjanić.

Drafted **project ideas** for TBI**:**

- **KRISTALNA IDEJA:**
  - correlation of measured air quality data with individual user preferences and their feedback, allowing the system to offer personalized recommendations and relevant information about air quality,

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  - expansion of the platform to support aggregate analytics and reports for larger customers.
- **CIAN:**
  - chatbot for client inquiries embedded on the website,
  - application for digital work orders,
  - an application for managing the working hours of employees,
  - application for connecting the location of the vehicle with the work order,
  - portal for service providers that would facilitate communication with clients.
- **MARINE KAŠTELA:**
  - digitization of traffic technology and management of marina capacities,
  - business improvements and modernization of services,
  - fire alarm systems to enhance marina safety,
  - protection against galvanic currents,
  - monitoring energy supply quality and ensuring protection when connecting the ship's electrical system to the land network.
- **EUPOLIS GRUPA:**
  - an innovative platform for integrating information on sustainability, tourism, traffic, and small and medium-sized enterprises (SMEs); the platform's goal is to create a future-ready business support ecosystem for the green and digital transition of tourism SMEs; integration of new information from video analytics systems is essential; he solution must connect with other digital platforms and IoT networks to increase interoperability

3.9. DIT Bootcamp for Digital Transformation / Innovation – 24th-25th October 2024, Rijeka

Date of the event	24th-25th October 2024
Location of the event	STEP RI, Radmile Matejčić 10, Rijeka, Croatia
Number of users	5
Partners in charge	UNIRI, ENT, UNIPU, STEP RI, Infobip
Total value of the services provided	20.000,00 EUR
Service provision period	24th October-7th November 2024

This bootcamp was the first hybrid bootcamp that had gathered users with both ideas for digital transformation and digital innovation.

These **users** participated in the event:

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No	User	VAT number	User type	Digital innov. (DI) / transform. (DT)
1	Regionalna razvojna agencija Primorsko-goranske županije – PRIGODA (Regional Development Agency of the Primorje-Gorski Kotar County)	92055146047	PI	DT
2	NACIONALNI PARK BRIJUNI (NATIONAL PARK BRIJUNI)	79193158584	PI	DT
3	RIS d.o.o. (RIS Ltd.)	77917801452	SME	DI
4	INFO NETWORK d.o.o. (INFO NETWORK Ltd.)	92134883875	SME	DI
5	WERXE d.o.o. (WERXE Ltd.)	24302887476	SME	DI

The team of **experts and mentors** who worked with the users is the following

1. ENT – Saša Vojvodić,
2. ENT – Matea Grdić,
3. ENT – Zdenko Kljajić,
4. ENT – Domagoj Pleština,
5. UNIPU – Gordan Krčelić,
6. UNIRI – Benedikt Perak,
7. STEP RI – Boris Golob,
8. STEP RI – Mario Vukelić,
9. Infobip – Dragan Benčić.

Apart from the experts, one person participated in the event as **event support**:

1. STEP RI – Sara Tikel,

Drafted **project ideas** for TBI**:**

- **Regionalna razvojna agencija Primorsko-goranske županije (DT):**
  - a digital solution based on LLM technology that will automatically retrieve information about published EU tenders and create their summaries,
  - in the later stages, the expansion of the solution to the creation of project drafts according to the needs of individual users is considered.
- **NACIONALNI PARK BRIJUNI (DT):**
  - a digital solution that will enable monitoring and analysis of visitor flow, in order to identify the most popular parts of the park and crowded areas,
  - system for online reservations of electric cars and bicycles,

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  - a digital tool for quick reporting of violations of park rules.
- **RIS (DI):**
  - chatbot for form-filling support for suppliers in their procurement solution (ENSOLVA),
  - support to customer support for their ERP solution (FAROS), proposing answers to customer support requests,
  - creating a systematic knowledge base.
- **INFO NETWORK (DI):**
  - cloud platform for print on demand (to improve the process of presentation, sale, production, and distribution of items with 3D technology).
- **WERXE (DI):**
  - enhancement of their e-learning product (Curriqla) with AI technology, in order to better match public and proprietary learning resources with their customer needs (leveraging AI technology for classification of learning content),
  - AI for analyzing legal texts related to GDPR and other relevant legal materials,
  - specialized chatbot that can help with risk analysis and GDPR compliance process.

3.10. DIT Bootcamp for Digital Transformation – 19th-20th November 2024, Zagreb

Date of the event	19th-20th November 2024
Location of the event	Ericsson Nikola Tesla, Krapinska 45, Zagreb, Croatia
Number of users	6
Partners in charge	ENT, Infobip, UNIRI
Total value of the services provided	24.000,00 EUR
Service provision period	19th November-5th December 2024

These **users** participated in the event:

No	User	VAT number	User type
1	Grad Rijeka (City of Rijeka)	54382731928	PI
2	Grad Opatija (City of Opatija)	99455464348	PI

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3	Grad Karlovac (City of Karlovac)	25654647153	PI
4	Grad Samobor (City of Samobor)	33544271925	PI
5	Grad Križevci (City of Križevci)	35435239132	PI
6	Osnovna škola Rikard Katalinić Jeretov (Elementary school Rikard Katalinić Jeretov)	32955252416	PI

The team of **experts and mentors** who worked with the users is the following

1. ENT – Saša Vojvodić,
2. ENT – Matea Grdić,
3. ENT – Zdenko Kljajić,
4. ENT – Lidija Čović,
5. ENT – Kata Kalanja,
6. ENT – Vedran Vrhovac,
7. Infobip – Dragan Benčić,
8. UNIRI – Damir Medved.

Drafted **project ideas** for TBI**:**

- **Grad Rijeka:**
  - modular CMS for e-Forms on CDU with necessary integrations (MUP, HZMO, HZZ, Tax administration...)
- **Grad Opatija:**
  - register of green infrastructure,
  - eSeal/eSignature,
  - e-forms implemented on CDU,
  - switching the city's website to CDU,
  - chatbot for communication with citizens,
  - new GIS portal with all available data from state registers,
  - digitization of spatial plans,
  - DMS,
  - geoportal of solar potential with included applications for public calls for co-financing and information on energy communities and data for wind farms.
- **Grad Karlovac:**
  - virtual agent for communication with citizens for the purpose of providing information during various public calls.
- **Grad Samobor:**
  - smart parking system – a solution for complex parking challenges at events such as carnivals and concerts.
- **Grad Križevci:**
  - CityX Chatbot – classic form of Chatbot for queries within the city's jurisdiction,

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  - ZUP-IT – integration with the DMS system for easy sending of case data to the Ministry of Justice,
  - e-applications for public tenders and calls announced by the city,
  - GUP Chatbot (obtaining information on spatial plans).
- **Osnovna škola Rikard Katalinić Jeretov:**
  - digital forms for faster and more efficient communication with parents,
  - digital platform for managing employee schedules,
  - digital forms for purchasing materials and monitoring financial resources.

3.10.1. DIT Bootcamp for Digital Transformation – 25th & 28th November 2024, online

Date of the event	25th & 28th December 2024
Location of the event	online (two meetings)
Number of users	1
Partners in charge	UNIPU
Total value of the services provided	4.000,00 EUR
Service provision period	25th November-10th December 2024

This bootcamp for digital transformation was held online, but it is considered to be a part of the fourth bootcamp that was held on the 19th and 20th of November because the users applied in the same cut-off date.

The following **user** participated in this online event:

No	User	VAT number	User type
1	Veleučilište s pravom javnosti BALTAZAR ZAPREŠIĆ (University of Applied Sciences with public rights BALTAZAR ZAPREŠIĆ)	70921936463	PI

The following **mentor** worked with this user on this bootcamp:

1. UNIPU – Gordan Krčelić

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Drafted **project ideas** for TBI**:**

- IT system for conducting student surveys,
- chatbot for student inquiries,
- IT system for employee evaluation.

3.11. DIT Bootcamp for Digital Innovation / Transformation – 5th-6th December 2024, Vodnjan

Date of the event	5th-6th December 2024
Location of the event	Infobip Quantum, Istarska 9A, Vodnjan, Croatia
Number of users	7
Partners in charge	ENT, Infobip, UNIRI, UNIPU, RRA PORIN*
Total value of the services provided	28.000,00 EUR
Service provision period	5th December-19th December 2024

** As of September 2024, the company SMART RI merged with the company RRA PORIN.*

These **users** participated in the event:

No	User	VAT number	User type	Digital innov. (DI) / transform. (DT)
1	B CREATIVE ART, obrt za proizvodnju keramičkih proizvoda za kućanstvo i ukrasnih predmeta (B CREATIVE ART, sole proprietorship for the production of ceramic household products and decorative items)	66268928639	SME	DT
2	GEOGRUPA d.o.o. (GEOGRUPA Ltd.)	77967127694	SME	DT
3	I-digital d.o.o. (I-digital Ltd.)	20870677186	SME	DI
4	IPTPO – Institut za poljoprivredu i turizam (Institute of Agriculture and Tourism)	03850982961	PI	DT

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5	POLIKLINIKA SALUS PULA d.o.o. (Polyclinic SALUS PULA Ltd.)	55616743293	SME	DT
6	Smart Aqua d.o.o. (Smart Aqua Ltd.)	30407494095	SME	DI
7	TRAVEL ISTRIA j.d.o.o. (TRAVEL ISTRIA Ltd.)	12733606235	SME	DT

The team of **experts and mentors** who worked with the users is the following:

1. ENT – Matea Grdić,
2. Infobip – Josipa Vukalović,
3. Infobip – Jana Jambrešić,
4. Infobip – Denis Jugovac,
5. Infobip – Mirjana Lazarić,
6. Infobip – Nina Crnković,
7. UNIRI – Damir Medved,
8. UNIPU – Gordan Krčelić,
9. RRA PORIN – Emira Brkić Karninčić.

Apart from the experts, the following persons participated in the event as **event support**:

1. Infobip – Leo Modrušan,
2. Infobip – Kristina Erdhart Ražem.

Drafted **project ideas** for TBI**:**

- **B CREATIVE ART:**
  - SEO optimization,
  - improving website functionality by adding workshop registration forms, ceramic product sales forms, and a space rental section with a calendar and direct booking option,
  - design optimization and web application customization.
- **GEOGRUPA:**
  - LLM computer vision system with possible applications to computer vision for object detection (ortho-photo) or computer vision for object detection in 360° images.
- **I-digital:**
  - a web platform for customizable marketing activities that includes an AI assistant that, based on conversations with the user (analyzes branding and marketing activities and provides recommendations), a marketing activity planner with push notifications, and the automation of posts on digital platforms (connected to Meta, Google services, etc.)
- **IPTPO:**
  - an application that would function as a marketplace catalog for B2B users (REVIVE application as part of the Interreg Euro MED project).

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- **POLIKLINIKA SALUS PULA:**
  - chatbot for booking appointments and giving information about examinations and doctors, and FAQ (Livechat, WA, Viber).
- **Smart Aqua**
  - redesign of the existing IT infrastructure – addressing various technological needs (data collection, analytics, reporting, and user application creation), ensuring scalability, enabling rapid development and customization of applications, and greater use of AI.
- **TRAVEL ISTRIA**
  - a chatbot on the website that provides information about the villas, the destination, restaurants, beaches, events, and additional facilities in the destination.

3.12. DIT Bootcamp for Digital Innovation / Transformation – 30th-31st January 2025, Rijeka

Date of the event	30th-31st January 2025
Location of the event	STEP RI, Radmile Matejčić 10, Rijeka, Croatia
Number of users	5
Partners in charge	UNIRI, ENT, UNIPU, STEP RI
Total value of the services provided	20.000,00 EUR
Service provision period	30th January-14th February 2025

These **users** participated in the event:

No	User	VAT number	User type	Digital innov. (DI) / transform. (DT)
1	Logit internet usluge d.o.o. (Logit internet services Ltd.)	81592331325	SME	DI
2	Sprend d.o.o. (Sprend Ltd.)	95873765127	SME	DI
3	OPĆINA BROD MORAVICE (Brod Moravice County)	5181328356	PI	DT
4	Poliklinika Primari d.o.o. (Polyclinic Primari Ltd.)	60278135228	SME	DI

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5	PONIKVE EKO OTOK KRK d.o.o. (PONIKVE EKO OTOK KRK Ltd.)	4155352667	PI	DT

The team of **experts and mentors** who worked with the users is the following:

1. UNIRI – Damir Medved,
2. UNIRI – Kristian Stančin,
3. UNIRI – Danijela Jakšić,
4. UNIRI – Vanja Slavuj,
5. UNIRI – Martina Ašenbrener Katić,
6. UNIRI – Lucia Načinović Prskalo,
7. UNIRI – Marija Brkić Bakarić,
8. ENT – Saša Vojvodić,
9. ENT – Domagoj Pleština,
10. UNIPU – Gordan Krčelić,
11. UNIPU – Josip Tomo Licardo,
12. STEP RI – Boris Golob,
13. STEP RI – Mario Vukelić.

Apart from the experts, the following persons participated in the event as **event support**:

1. UNIRI – Nives Fajdić,
2. STEP RI – Aleksandra Borjanić,
3. STEP RI – Sara Tikel,
4. ENT – Matea Grdić.

At this bootcamp, several new mentors from UNIRI (FIDIT) joined us, which is why we had such a large mentoring team.

Drafted **project ideas** for TBI**:**

- **Logit internet usluge:**
  - an AI chatbot for an education platform; an AI search engine similar to Perplexity (not as a pop-up, but in the form of a search field on the front page).
- **Sprend:**
  - introducing UDP file transfer on top of the existing TCP/IP in order to gain file transfer speed,
  - introduction of E2E encryption for file transfer,
  - introduction of the MTR (My Trance Route) functionality: in order to detect bottlenecks in data transmission and, based on this, send a notification to service users as to why data transmission is taking too long,

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  - analysis of usage patterns of the SPREND application: Analysis of user data, identification of behavioral patterns, Churn rate, and customer turnover from users who use the free large file transfer service to users who pay for the premium service.
- **OPĆINA BROD MORAVICE:**
  - solution for analyzing the needs of Gorski Kotar in terms of care for the elderly and disabled; developing a database of current users of this service and applying existing solutions for analysis and visualization to the database in order to facilitate the creation of reports.
- **Poliklinika Primari:**
  - equipment for establishing a telemedicine system,
  - introducing AI systems (computer vision, screening process analysis, (semi)automation of findings).
- **PONIKVE EKO OTOK KRK:**
  - implementation of a multilingual Chatbot Avatar in the center of excellence (the project would be implemented after the center is built) for communication on issues related to utility services,
  - IoT system for monitoring (and controlling) the water purifier, cooling and heating systems, and water carbonation; the first targeted users are larger systems, e.g. hotels.

3.13. DIT Bootcamp for Digital Transformation – 27th-28th February 2025, Šibenik

Date of the event	27th-28th February 2025
Location of the event	JU Razvojna agencija Šibensko-kninske županije, Narodnog Preporoda 4, 22 000 Šibenik
Number of users	5
Partners in charge	UNIRI, ENT, UNIPU, STEP RI, Infobip
Total value of the services provided	25.000,00 EUR
Service provision period	27th February-13th March 2025

These **users** participated in the event:

No	User	VAT number	User type
1	TVRĐAVA KULTURE ŠIBENIK (FORTRESS OF CULTURE ŠIBENIK)	09301205081	PI

Projekt je temeljem Ugovora o dodjeli bespovratnih sredstava br. 101083838, sufinanciran od strane Europske unije iz programa Digitalna Europa (DIGITAL) te iz Državnog proračuna Republike Hrvatske

2	JAVNA USTANOVA RAZVOJNA AGENCIJA ŠIBENSKO-KNINSKE ŽUPANIJE (PUBLIC INSTITUTION DEVELOPMENT AGENCY OF ŠIBENIK-KNIN COUNTY)	21715496907	PI
3	ŠIBENSKO-KNINSKA ŽUPANIJA (ŠIBENIK-KNIN COUNTY)	99395814920	PI
4	Razvojno inovacijski centar AluTech (Development Innovation Center AluTech)	34431614153	PI
5	MIAB d.o.o. (MIAB Ltd.)	66932913230	SME

The team of **experts and mentors** who worked with the users is the following:

1. UNIRI – Damir Medved,
2. ENT – Matea Grdić,
3. UNIPU – Gordan Krčelić,
4. UNIPU – Josip Tomo Licardo,
5. STEP RI – Mario Vukelić,
6. Infobip – Josipa Vukalović,
7. Infobip – Jana Jambrešić.

Drafted **project ideas** for TBI**:**

- **TVRĐAVA KULTURE ŠIBENIK:**
  - human resource management application (payrolls, vacations, employee task calendar, etc.),
  - system for monitoring and managing access to fortresses and tourist locations,
  - system and methods for protecting information systems from cyber threats,
  - system for selling and distributing tickets for various events and tourist attractions.
- **JAVNA USTANOVA RAZVOJNA AGENCIJA ŠIBENSKO-KNINSKE ŽUPANIJE:**
  - establishment of a knowledge base based on completed projects,
  - automation of data collection from the County,
  - application for managing the building and rented spaces,
  - chatbot for communication with entrepreneurs.
- **ŠIBENSKO-KNINSKA ŽUPANIJA:**
  - AI assistant for citizens – smart search for guidelines and instructions on the County's website,
  - optimization of traffic, traffic lines,
  - tool for assessing agricultural land for conversion.
- **Razvojno inovacijski centar AluTech:**
  - production of electricity through solar panels,
  - chatbot for communication with potential clients.
- **MIAB:**

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- introduction of an ERP system,
- procurement of a machine for laser metal processing.

3.14. DIT Bootcamp for Digital Innovation / Transformation – 13th-14th March 2025, Split

Date of the event	13th-14th March 2025
Location of the event	Tehnološki park Split, Dračevac 3D, 21 000 Split
Number of users	5
Partners in charge	UNIRI, ENT, UNIPU, STEP RI, Infobip, RRA PORIN
Total value of the services provided	25.000,00 EUR
Service provision period	13th March-27th March 2025

These **users** participated in the event:

No	User	VAT number	User type	Digital innov. (DI) / transform. (DT)
1	BLACK & WHITE SOLUTIONS, obrt za usluge (BLACK & WHITE SOLUTIONS, service sole proprietorship)	98357115	SME	DI
2	PHASOR ENGINEERING d.o.o. (PHASOR ENGINEERING Ltd.)	09039770878	SME	DI
3	ENGASCO d.o.o. (ENGASCO Ltd.)	64246921579	SME	DI
4	DRUGI OTOK, obrt za istraživanje, savjetovanje i proizvodnju filmova (DRUGI OTOK, sole proprietorship for research, consulting and film production)	98007998	SME	DI
5	Javna ustanova Lokalna razvojna agencija Matica (Public institution Local development agency Matica)	50767641835	PI	DT

The team of **experts and mentors** who worked with the users is the following:

1. UNIRI – Vanja Slavuj,

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2. UNIRI – Kristian Stančin,
3. UNIRI – Danijela Jakšić,
4. UNIRI – Marija Brkić Bakarić,
5. UNIRI – Lucia Načinović Prskalo,
6. ENT – Saša Vojvodić,
7. ENT – Zoran Civadelić,
8. UNIPU – Gordan Krčelić,
9. UNIPU – Josip Tomo Licardo,
10. STEP RI – Rene Zbašnik,
11. Infobip – Josipa Vukalović,
12. Infobip – Jana Jambrešić,
13. RRA PORIN – Tamara Grubiša.

Drafted **project ideas** for TBI**:**

- **BLACK & WHITE SOLUTIONS:**
  - optimization of restaurant table management systems using AI components and sensor data.
- **PHASOR ENGINEERING:**
  - demonstration panel for testing the hydropower plant control system and training operators; possibility of developing an AI chatbot and digital assistant for timely detection of failures.
- **ENGASCO:**
  - digital IoT solution with telemetry and an AI image analysis component to improve the maintenance of ice vending machines.
- **DRUGI OTOK:**
  - AI for the recognition of stone heritage (drystone walls, churches, kažuni, wells, etc.) based on LIDAR photographs and ortho-photographs.
- **Javna ustanova Lokalna razvojna agencija Matica:**
  - smart solution for booking and using space supported by IOT and AI technologies.

3.15. DIT Bootcamp for Digital Innovation / Transformation – 14th-15th April 2025, Zadar

Date of the event	14th-15th April 2025
Location of the event	INOVAcija – Ustanova za razvoj kompetencija, inovacija i specijalizacije Zadarske županije, Put Murvice 3A, 23 000 Zadar
Number of users	6
Partners in charge	UNIRI, ENT, UNIPU, STEP RI, Infobip

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Total value of the services provided	25.000,00 EUR
Service provision period	14th-28th April 2025

These **users** participated in the event:

No	User	VAT number	User type	Digital innov. (DI) / transform. (DT)
1	GREEN SPARK d.o.o. (GREEN SPARK Ltd.)	98241489420	SME	DI
2	Digitcom, obrt za informacijske uslužne djelatnosti (Digitcom, sole proprietorship for information services)	98749315	SME	DT
3	T & S, d.o.o. (T & S Ltd.)	56925483810	SME	DT
4	AL Sistemi d.o.o. (AL Sistemi Ltd.)	95643025367	SME	DI
5	ZADRA NOVA (ZADRA NOVA)	95315590590	PI	DT
6	PROPRIO CENTAR d.o.o. (PROPRIO CENTAR Ltd.)	76882818671	SME	DT

The team of **experts and mentors** who worked with the users is the following:

1. UNIRI – Vanja Slavuj,
2. UNIRI – Kristian Stančin,
3. UNIRI – Danijela Jakšić,
4. UNIRI – Marija Brkić Bakarić,
5. UNIRI – Lucia Načinović Prskalo,
6. UNIRI – Ana Petrović,
7. ENT – Saša Vojvodić,
8. UNIPU – Gordan Krčelić,
9. UNIPU – Josip Tomo Licardo,
10. STEP RI – Rene Zbašnik,
11. STEP RI – Boris Golob,
12. Infobip – Josipa Vukalović,
13. Infobip – Nina Crnković,
14. Infobip – Elena Ozmec,
15. Infobip – Kristijan Opačak.

Drafted **project ideas** for TBI**:**

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- **GREEN SPARK:**
  - a digital platform for sustainable development (emphasis on ESG) – introducing a matchmaking component to the platform.
- **Digitcom:**
  - development of a system for dynamic pricing for vessel rental in the charter business,
  - obtaining data that would serve as the basis for developing a predictive model.
- **T & S:**
  - optimizing the existing marketing strategy, introducing an affiliate program, and expanding the existing solution (internet portal egradnja.hr) with additional technologies and functionalities for affiliates,
  - introducing an AI assistant (chatbot) to the portal for more efficient search and recommending content to visitors.
- **AL Sistemi:**
  - SonicSafe IoT/GSM device for flood monitoring in premises (households),
  - DAS (Distance Alarming System) device for monitoring, control and management of the bilge (ship bed, bulkhead).
- **PROPRIO CENTAR:**
  - expansion of the existing Cliniko solution with additional features (waitlist, appointment automation to send reminders by SMS or email...),
  - expansion of the existing Zoho solution with additional features (project management, team collaboration...),
  - system for reliable data protection (GDPR, cybersecurity, backup, encryption...),
  - digitalization of diagnostics of biomechanical systems in physical therapy.
- **ZADRA NOVA:**
  - a solution for standardizing the content and format of data entry that is currently kept in an Excel table,
  - integration of outputs from existing solutions and creation of a solution that enables direct entry into the treasury,
  - AI-powered e-base of project ideas – a searchable repository of project ideas in which LGU project ideas, strategic documents, and development plans would be entered,
  - software solution for project management.

3.16. DIT Bootcamp for Digital Innovation – 12th September 2025, Zagreb

Date of the event	12th September 2025
Location of the event	Vinarija Iuris, Hrašćanska 38A, 10 000 Zagreb
Number of users	1

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Partners in charge	UNIPU
Total value of the services provided	5.000,00 EUR
Service provision period	12th-26th September 2025

These **users** participated in the event:

No	User	VAT number	User type	Digital innov. (DI) / transform. (DT)
1	VINARIJA IURIS d.o.o. (VINARIJA IURIS LTD.)	22386982179	SME	DI

The team of **experts and mentors** who worked with the users is the following:

1. UNIPU – Gordan Krčelić
2. UNIPU – Josip Tomo Licardo
3. UNIPU – Elvis Starić
4. UNIPU – Siniša Sovilj

Drafted **project ideas** for TBI**:**

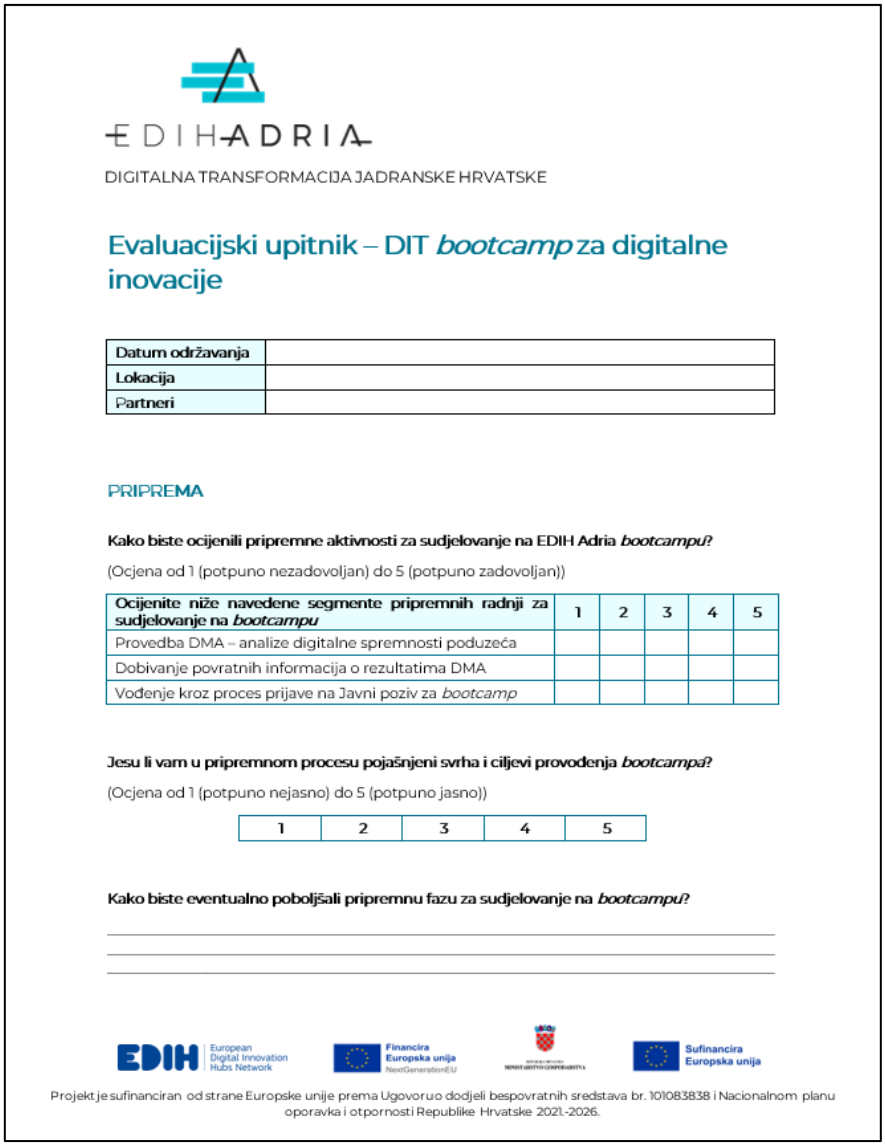
- collection of defined data via sensors in the barrel, and notification and/or initiation of actions if one parameter or the relationship between several parameters is outside the defined tolerance limits or if it is established that one of the parameters has an unwanted trend.

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4. Users' feedback on Digital Innovation and Transformation Bootcamp events – short overview

At the end of every bootcamp event, feedback is collected using standardized feedback forms. Two different feedback forms are used: one for participants of the Digital Innovation Bootcamps and another for those attending the Digital Transformation Bootcamps.

Figure 1: Feedback form for Digital Innovation Bootcamps (1/3)



DIGITALNA TRANSFORMACIJA JADRANSKE HRVATSKE

Evaluacijski upitnik – DIT *bootcamp* za digitalne inovacije

Datum održavanja	
Lokacija	
Partneri	

PRIPREMA

Kako biste ocijenili pripremne aktivnosti za sudjelovanje na EDIH Adria *bootcampu*?

(Ocjena od 1 (potpuno nezadovoljan) do 5 (potpuno zadovoljan))

Ocijenite niže navedene segmente pripremnih radnji za sudjelovanje na *bootcampu*	1	2	3	4	5
Provedba DMA – analize digitalne spremnosti poduzeća					
Dobivanje povratnih informacija o rezultatima DMA					
Vođenje kroz proces prijave na Javni poziv za *bootcamp*					

Jesu li vam u pripremnom procesu pojašnjeni svrha i ciljevi provođenja *bootcampa*?

(Ocjena od 1 (potpuno nejasno) do 5 (potpuno jasno))

1	2	3	4	5

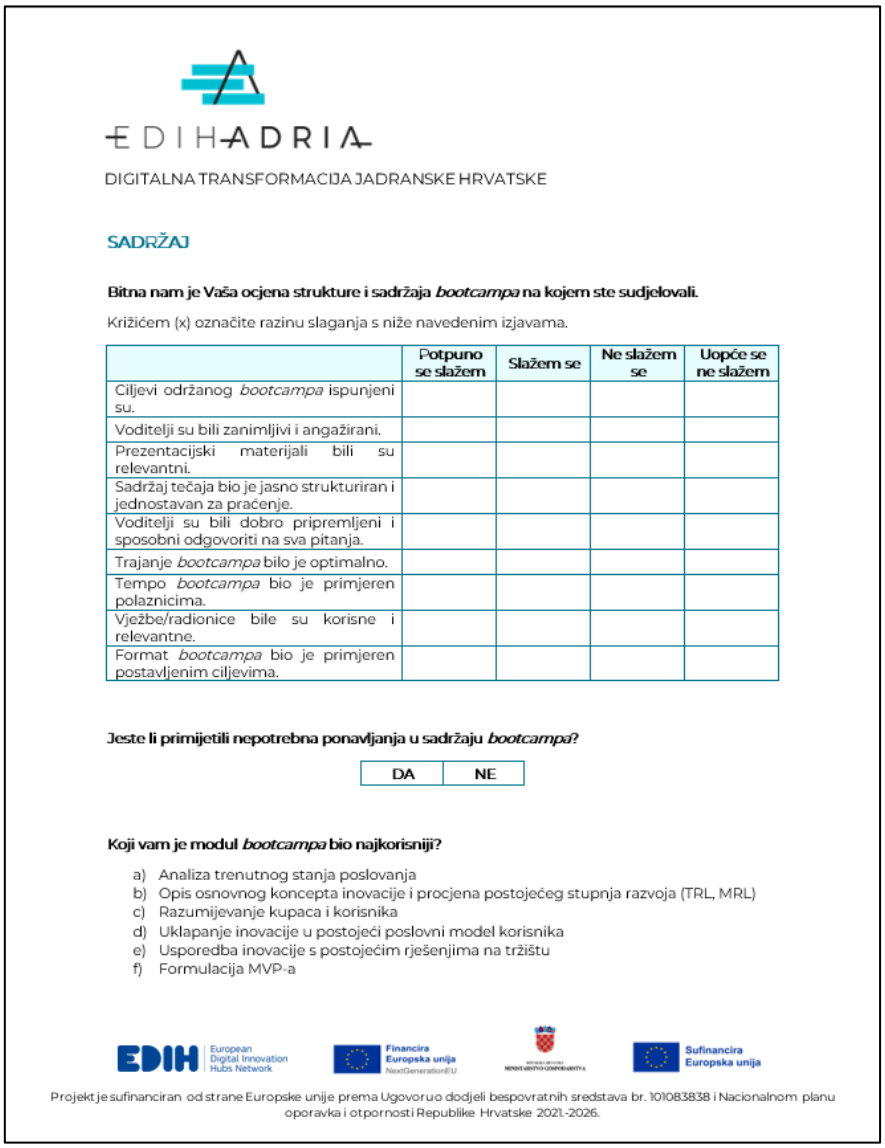
Kako biste eventualno poboljšali pripremnu fazu za sudjelovanje na *bootcampu*?

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Figure 2: Feedback form for Digital Innovation Bootcamps (2/3)



DIGITALNA TRANSFORMACIJA JADRANSKE HRVATSKE

SADRŽAJ

Bitna nam je Vaša ocjena strukture i sadržaja *bootcampa* na kojem ste sudjelovali.

Križićem (x) označite razinu slaganja s niže navedenim izjavama.

	Potpuno se slažem	Slažem se	Ne slažem se	Uopće se ne slažem
Ciljevi održanog *bootcampa* ispunjeni su.				
Voditelji su bili zanimljivi i angažirani.				
Prezentacijski materijali bili su relevantni.				
Sadržaj tečaja bio je jasno strukturiran i jednostavan za praćenje.				
Voditelji su bili dobro pripremljeni i sposobni odgovoriti na sva pitanja.				
Trajanje *bootcampa* bilo je optimalno.				
Tempo *bootcampa* bio je primjeren polaznicima.				
Vježbe/radionice bile su korisne i relevantne.				
Format *bootcampa* bio je primjeren postavljenim ciljevima.				

Jeste li primijetili nepotrebna ponavljanja u sadržaju *bootcampa*?

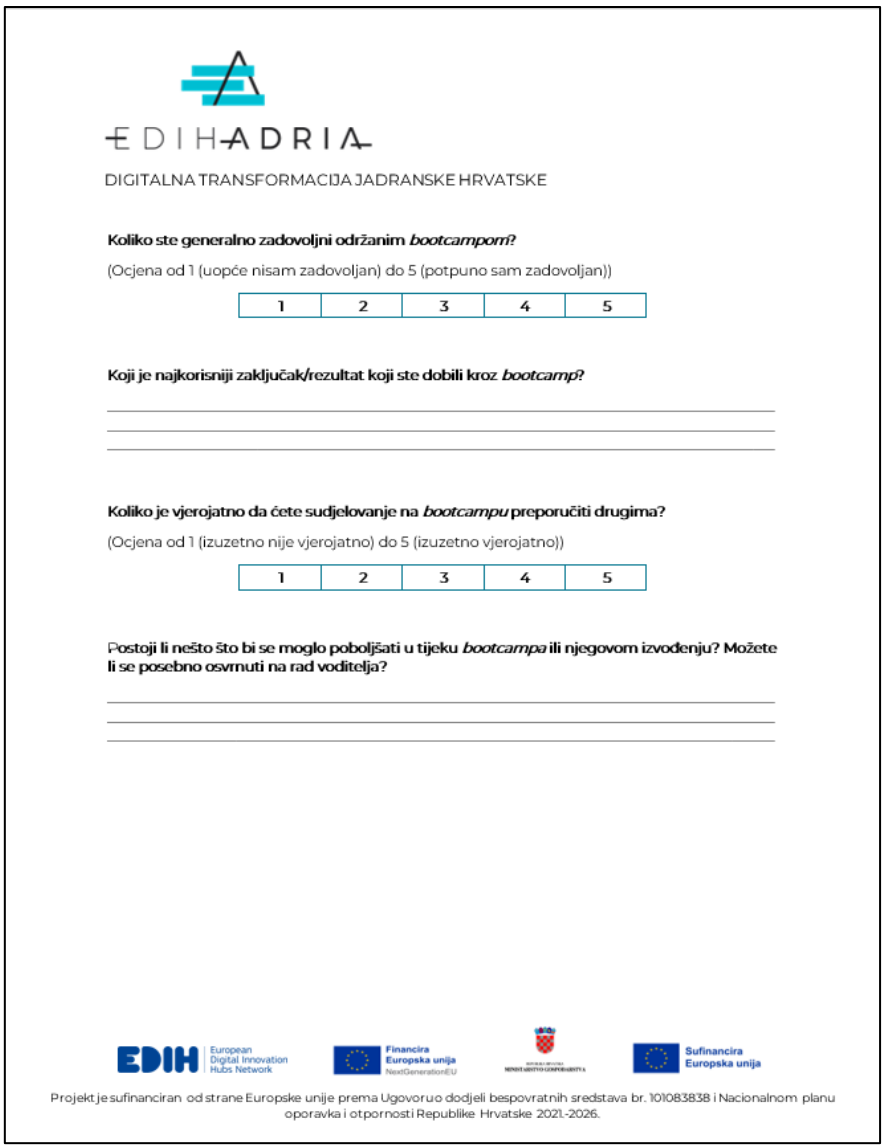
DA	NE

Koji vam je modul *bootcampa* bio najkorisniji?

a) Analiza trenutnog stanja poslovanja
b) Opis osnovnog koncepta inovacije i procjena postojećeg stupnja razvoja (TRL, MRL)
c) Razumijevanje kupaca i korisnika
d) Uklapanje inovacije u postojeći poslovni model korisnika
e) Usporedba inovacije s postojećim rješenjima na tržištu
f) Formulacija MVP-a

Projekt je sufinanciran od strane Europske unije prema Ugovoru o dodjeli bespovratnih sredstava br. 101083838 i Nacionalnom planu oporavka i otpornosti Republike Hrvatske 2021.-2026.

Figure 3: Feedback form for Digital Innovation Bootcamps (3/3)



DIGITALNA TRANSFORMACIJA JADRANSKE HRVATSKE

Koliko ste generalno zadovoljni održanim *bootcamporn*?

(Ocjena od 1 (uopće nisam zadovoljan) do 5 (potpuno sam zadovoljan))

1	2	3	4	5

Koji je najkorisniji zaključak/rezultat koji ste dobili kroz *bootcamp*?

Koliko je vjerojatno da ćete sudjelovanje na *bootcampu* preporučiti drugima?

(Ocjena od 1 (izuzetno nije vjerojatno) do 5 (izuzetno vjerojatno))

1	2	3	4	5

Postoji li nešto što bi se moglo poboljšati u tijeku *bootcampa* ili njegovom izvođenju? Možete li se posebno osvrnuti na rad voditelja?

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Figure 4: Feedback form for Digital Transformation Bootcamps (1/3)



DIGITALNA TRANSFORMACIJA JADRANSKE HRVATSKE

Evaluacijski upitnik – DIT *bootcamp* za digitalnu transformaciju

Datum održavanja	
Lokacija	
Partneri	

PRIPREMA

Kako biste ocijenili pripremne aktivnosti za sudjelovanje na EDIH Adria *bootcampu*?

(Ocjena od 1 (potpuno nezadovoljan) do 5 (potpuno zadovoljan))

Ocijenite niže navedene segmente pripremnih radnji za sudjelovanje na *bootcampu*	1	2	3	4	5
Provedba DMA – analize digitalne spremnosti poduzeća					
Dobivanje povratnih informacija o rezultatima DMA					
Vođenje kroz proces prijave na Javni poziv za *bootcamp*					

Jesu li vam u pripremnom procesu pojašnjeni svrha i ciljevi provođenja *bootcampa*?

(Ocjena od 1 (potpuno nejasno) do 5 (potpuno jasno))

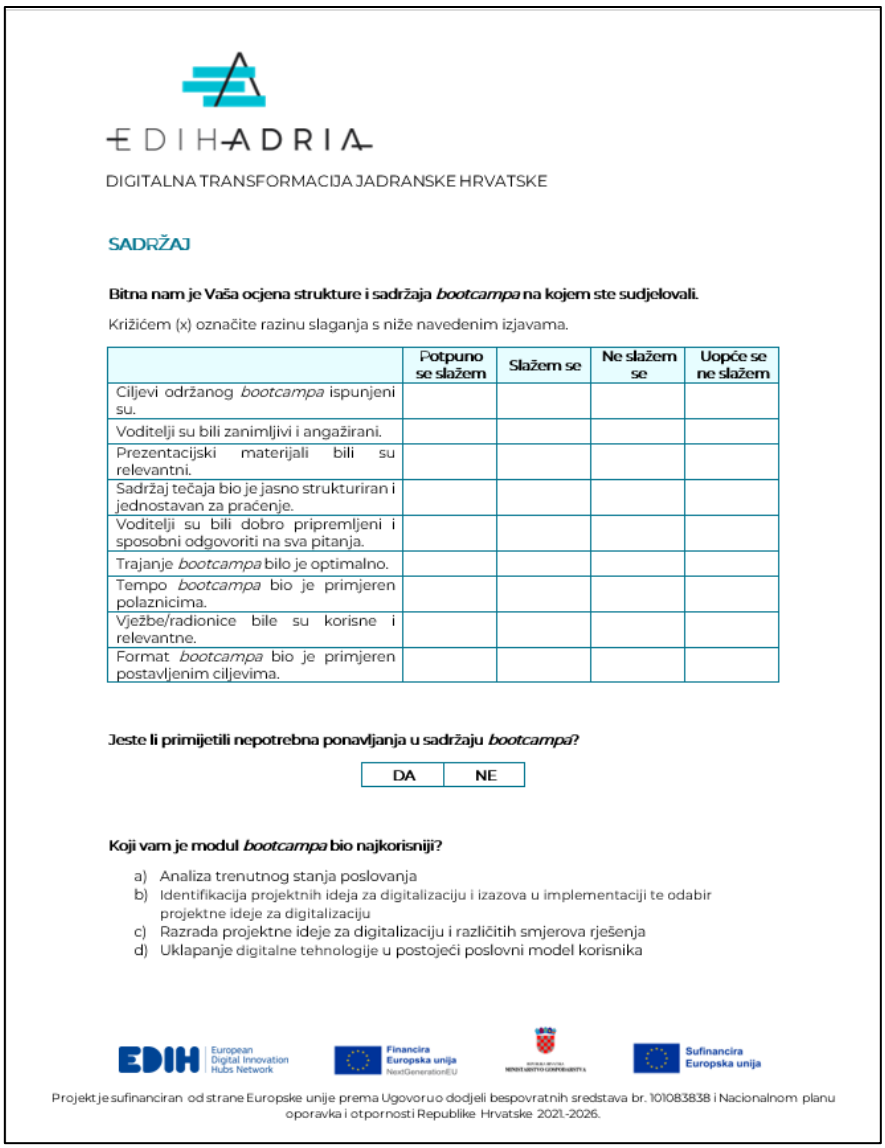
1	2	3	4	5

Kako biste eventualno poboljšali pripremnu fazu za sudjelovanje na *bootcampu*?

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Figure 5: Feedback form for Digital Transformation Bootcamps (2/3)



DIGITALNA TRANSFORMACIJA JADRANSKE HRVATSKE

SADRŽAJ

Bitna nam je Vaša ocjena strukture i sadržaja *bootcampa* na kojem ste sudjelovali.

Križićem (x) označite razinu slaganja s niže navedenim izjavama.

	Potpuno se slažem	Slažem se	Ne slažem se	Uopće se ne slažem
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Voditelji su bili zanimljivi i angažirani.				
Prezentacijski materijali bili su relevantni.				
Sadržaj tečaja bio je jasno strukturiran i jednostavan za praćenje.				
Voditelji su bili dobro pripremljeni i sposobni odgovoriti na sva pitanja.				
Trajanje *bootcampa* bilo je optimalno.				
Tempo *bootcampa* bio je primjeren polaznicima.				
Vježbe/radionice bile su korisne i relevantne.				
Format *bootcampa* bio je primjeren postavljenim ciljevima.				

Jeste li primijetili nepotrebna ponavljanja u sadržaju *bootcampa*?

DA	NE

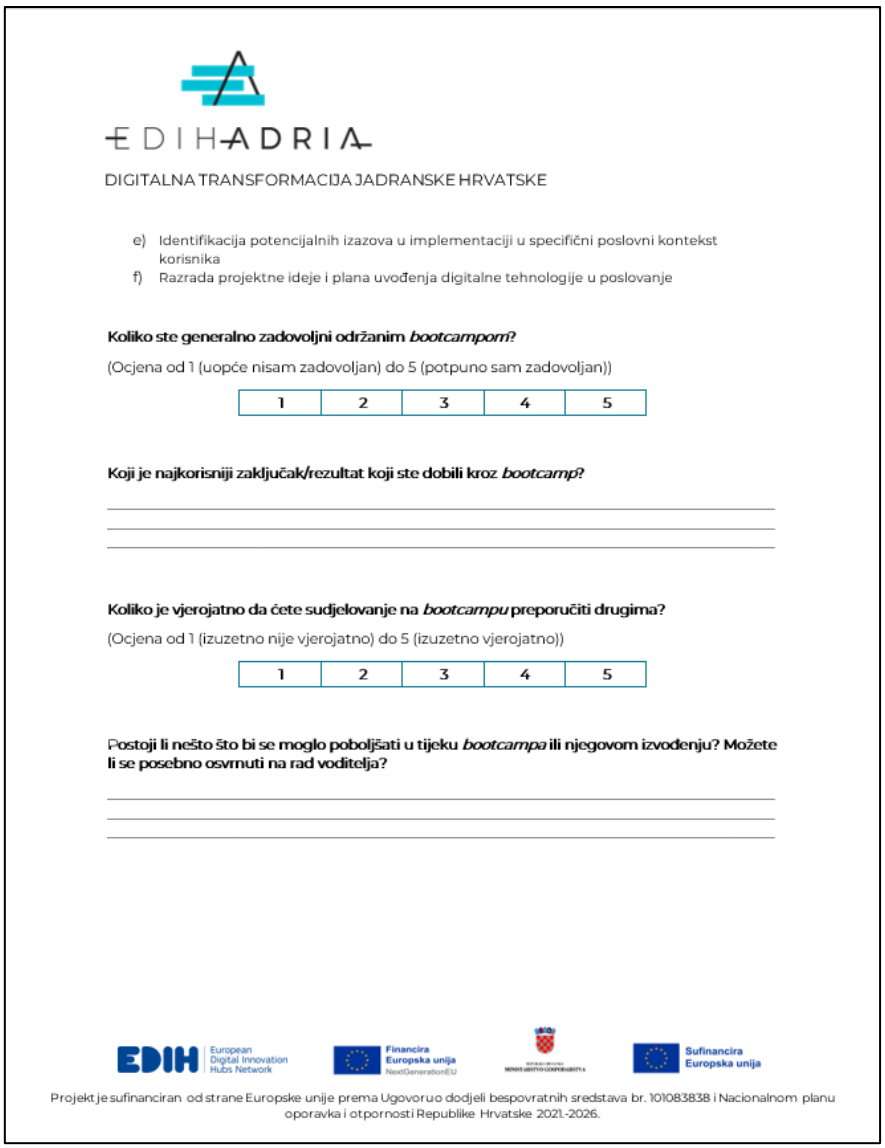
Koji vam je modul *bootcampa* bio najkorisniji?

a) Analiza trenutnog stanja poslovanja
b) Identifikacija projektnih ideja za digitalizaciju i izazova u implementaciji te odabir projektne ideje za digitalizaciju
c) Razrada projektne ideje za digitalizaciju i različitih smjerova rješenja
d) Uklapanje digitalne tehnologije u postojeći poslovni model korisnika

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Figure 6: Feedback form for Digital Transformation Bootcamps (3/3)



DIGITALNA TRANSFORMACIJA JADRANSKE HRVATSKE

e) Identifikacija potencijalnih izazova u implementaciji u specifični poslovni kontekst korisnika
f) Razrada projektne ideje i plana uvođenja digitalne tehnologije u poslovanje

Koliko ste generalno zadovoljni održanim *bootcampom*?

(Ocjena od 1 (uopće nisam zadovoljan) do 5 (potpuno sam zadovoljan))

1	2	3	4	5

Koji je najkorisniji zaključak/rezultat koji ste dobili kroz *bootcamp*?

Koliko je vjerojatno da ćete sudjelovanje na *bootcampu* preporučiti drugima?

(Ocjena od 1 (izuzetno nije vjerojatno) do 5 (izuzetno vjerojatno))

1	2	3	4	5

Postoji li nešto što bi se moglo poboljšati u tijeku *bootcampa* ili njegovom izvođenju? Možete li se posebno osvrnuti na rad voditelja?

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The feedback form comprises three main sections:

1. Preparatory phase clarity
2. General satisfaction with the event
3. Likelihood of recommending the bootcamp to others

These sections are selected as the most relevant ones, providing us with a comprehensive overview of the bootcamp service.

Below are the average scores for each phase of the sections:

Date	Location	Bootcamp type	Preparatory phase	General satisfaction	Likelihood to recommend
11/12 & 12/12/2023	STEP RI, Rijeka	DT	5.00	4.67	5.00
15/01/ & 16/01/2024	STEP RI, Rijeka	DT	4.56	4.56	4.56
15/02 & 16/02/2024	SPINIT, Split	DT	5.00	5.00	5.00
14/03/ & 15/03/2024	STEP RI, Rijeka	DT	5.00	5.00	5.00
08/04 & 09/04/2024	Infobip Quantum, Vodnjan	DT	5.00	5.00	5.00
23/04 & 24/04/2024	Infobip Quantum, Vodnjan	DT	4.91	4.55	4.82
19/09 & 20/09/2024	STEP RI, Rijeka	DI	4.75	4.92	4.77
07/10 & 08/10/2024	SPINIT, Split	DI	4.86	4.71	4.86
24/10 & 25/10/2024	STEP RI, Rijeka	DT/DI	4.22	4.90	4.90
19/11 & 20/11/2024	Zagreb, ENT	DT	5.00	5.00	5.00
05/12 & 06/12/2024	Infobip Quantum, Vodnjan	DT/DI	4.83	5.00	5.00
30/01 & 31/01/2024	STEP RI, Rijeka	DT/DI	4.25	4.50	4.50
27/02 i 28/02/2025	JU RA ŠKŽ, Šibenik	DT	5.00	5.00	4.82
13/03 i 14/03/2025	Tehnološki park Split	DT/DI	4.60	4.60	4.40
14/04 i 15/04/2025	INOVAcija, Zadar	DT/DI	5.00	5.00	5.00
		Total:	**4.77**	**4.82**	**4.82**

In the open-ended questions of the feedback forms, participants highlighted that the bootcamps were highly beneficial. They noted that the events helped clarify the development direction of their project ideas for digitization or digital innovation, as well as identify and address specific business problems. Additionally, participants praised the experts for their professionalism, clear communication, and focused approach.

However, some participants indicated that the preparatory phase required improvement. They remarked that the purpose of the bootcamp was not entirely clear prior to the event and suggested that setting clearer expectations and providing more detailed information beforehand would significantly enhance their experience and preparation.

To address these concerns, we have decided to improve the preparatory phase. This included sending informative handouts to participants via email prior to the bootcamp and following up with them through telephone calls to better explain the purpose of the event and establish clear expectations.

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The DIT bootcamp service has proven to be an efficient event format, effectively serving as a preparatory stage for the Test-before-invest and DAP/FCO Assessment services. This format will be further refined based on the feedback received and applied in future digitalization support efforts by the consortium, whether within the scope of EDIH or beyond.

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