

## WP2-A8. First International Seminar in Pucisca (Croatia).



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Transilvania  
University  
of Brasov





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## 1. INTRODUCTION

The first international seminar of the RockChain project was held on May 16, 2025 in Pučišća. The seminar was held taking into account Croatian groups of Stone Extraction, Construction and Restoration. This seminar coincided with a total of three days of events in May at Klesarska Skola, maximising the impact generated by the event.

The Seminar was organized by the Stonemasonry School Klesarska Skola, taking into account other points in the agenda as the award ceremony for exceptional achievements in stone was held using this seminar, and the issue of the journal "Stonemasonry and Construction" in order to empower the dissemination, which is also published by the Stonemasonry School and promoted. The Seminar had an international character and brought together people from the stone industry and research and educational institutions related to the stone industry from the Republic of Croatia and from all over Europe.

This event was used to present the project and its goals to the relevant target group, mainly in relation to the dissemination of WP2 of RockChain project.

The presentation of the project was held dual on-line and face to face, where the total number of attendees not affiliated with Klesarska Skola reached a final figure of 26 in-person attendees. The total number of surveys collected to evaluate the event and obtain feedback was 25.

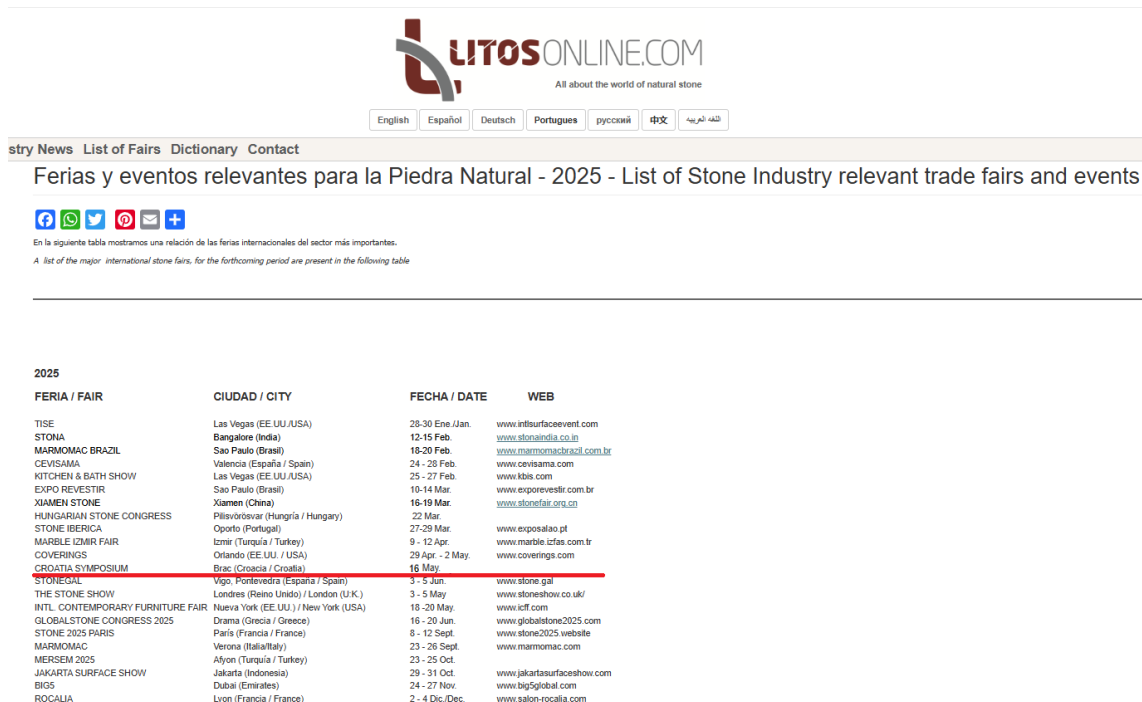
The main objectives of this seminar are:

- To acquaint the target group with the progress of the implementation of the circular economy in the stone industry, i.e. with the very definition of circular economy for the majority of
- Familiarize the target blackberry with the principles on which the project is based and with the IT and other tools used for its implementation
- Introducing the target group to the educational application, which is one of the ways to achieve the goals set by the project, and at the same time the product of the project itself
- To examine how familiar the members of the target group are with the key concepts on which the project is based and possible future collaborations with the aim of sustainability or development of the project

## 2. SEMINAR ORGANIZATION

The event was announced back in October 2024 via social networks, e-mails and radio interviews.

It should be especially emphasized that ours is on the list of relevant events in the stone sector in 2025. The event also was specially announced to the students and teachers of the Stonemasonry School.



2025	FERIA / FAIR	CIUDAD / CITY	FECHA / DATE	WEB
	TISE	Las Vegas (EE.UU./USA)	26-30 Ene./Jan.	www.intisurfaceevent.com
	STONA	Bangalore (India)	12-15 Feb.	www.stonaindia.co.in
	MARMOMAC BRAZIL	Sao Paulo (Brasil)	18-20 Feb.	www.marmomacbrasil.com.br
	CEVISAMA	Valencia (España / Spain)	24 - 28 Feb.	www.cevisama.com
	KITCHEN & BATH SHOW	Las Vegas (EE.UU./USA)	25 - 27 Feb.	www.kbbs.com
	EXPO REVESTIR	Sao Paulo (Brasil)	16-14 Mar.	www.expo-revestir.com.br
	XIAMEN STONE	Xiamen (China)	16-19 Mar.	www.stonefair.org.cn
	HUNGARIAN STONE CONGRESS	Pilisvörösvár (Hungary / Hungary)	22 Mar.	
	STONE IBERICA	Oporto (Portugal)	27-29 Mar.	www.exposalao.pt
	MARBLE IZMIR FAIR	Izmir (Turquía / Turkey)	9 - 12 Apr.	www.marble.izfas.com.tr
	COVERINGS	Orlando (EE.UU. / USA)	29 Apr. - 2 May.	www.coverings.com
	CROATIA SYMPOSIUM	Brac (Croacia / Croatia)	16 May.	
	STONEGAL	Vigo, Pontevedra (España / Spain)	3 - 5 Jun.	www.stonegal.com
	THE STONE SHOW	London (Reino Unido) / London (U.K.)	3 - 5 May	www.stoneshow.co.uk/
	INTL. CONTEMPORARY FURNITURE FAIR	Nueva York (EE.UU.) / New York (USA)	18 - 20 May.	www.icff.com
	GLOBALSTONE CONGRESS 2025	Drama (Grecia / Greece)	16 - 20 Jun.	www.globalstone2025.com
	STONE 2025 PARIS	París (Francia / France)	8 - 12 Sept.	www.stone2025.website
	MARMOMAC	Verona (Italia/Italy)	23 - 26 Sept.	www.marmomac.com
	MERSEM 2025	Alyon (Turquía / Turkey)	23 - 25 Oct.	
	JAKARTA SURFACE SHOW	Jakarta (Indonesia)	29 - 31 Oct.	www.jakartasurfaceshow.com
	BIG5	Dubai (Emiratos)	24 - 27 Nov.	www.big5global.com
	ROCALIA	Lyon (Francia / France)	2 - 4 Dic./Dec.	www.salon-rocalia.com

Figure 1: Announcement of the Seminar on the online portal Litosonline.com entitled Relevant Events in the Stone Sector in 2025



TRANSVERSAL TECHNOLOGICAL SKILLS FOR THE  
ORNAMENTAL ROCK INDUSTRY FOCUSING ON THE  
APPLICABILITY OF BLOCKCHAIN IN A CIRCULAR ECONOMY  
2023-1-DE02-KA220-ADU-000166863



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the European Union

**ORGANIZER:**

Klesarska škola

phone: 0038521633114

e-mail: klesarskaskola1@gmail.com

**PATRONS:**



**INTERNATIONAL SEMINAR**

in Pučišća

May 16, 2025

Figure 2: Cover of the invitation to the Seminar of Stone within which the presentation of the RockChain project was announced.

### 3. AGENDA, SPEAKERS AND CONTENT

#### 3.1. Agenda

The agenda of the entire event was published on social networks, on the school's website and on specially printed brochures that were sent by mail to people in related ministries, Split-Dalmatia County and numerous business partners.

The brochures are printed in Croatian and English. For the purpose of disseminating the project, the logo of the RockChain project is also printed on them. The agenda of the event is shown below:



#### INTERNATIONAL SEMINAR

in Pučišća

May 16, 2025

TRANSVERSAL TECHNOLOGICAL SKILLS FOR THE ORNAMENTAL ROCK INDUSTRY FOCUSING ON  
THE APPLICABILITY OF BLOCKCHAIN IN A CIRCULAR ECONOMY

16:00 - 16:15	Registration of participants.
16:15 - 16:30	OPENING CEREMONY. <i>Momir Karin</i> , Head of Directorate for Support and Advancement of Education System.
16:30 - 17:00	MAIN RESULTS OF THE ROCKCHAIN PROJECT. <i>M.sc. Tamara Plastić</i> , principal of Klesarska škola.
17:00 - 17:30	ROCKCHAIN: EUROPEAN COMMON CURRICULA. <i>M.sc. Tamara Plastić</i> , principal of Klesarska škola.
17:30 - 18:00	ROCKCHAIN APP: AN INTERACTIVE LEARNING TOOL. <i>Carlos Martínez González</i> , CTM
18:00 - 18:30	BREAK
	Invited experts in new technologies in Stone Sector.
18:00 - 18:30	Marmomac - THE BIGGEST STONE, TECHNOLOGY AND DESIGN TRADE FAIR - VERONA, SEPTEMBER 2025. <i>M.sc. Matjaž Žigon</i> , Head of Verona fiere Delegate Office for Alpe-Adria Region and Turkey.
18:00 - 18:30	STONE TAKE PLACE. <i>Grazia Signori</i> , Coordinator of the national standardization working group of natural stones.
18:00 - 18:30	KLESARSKA SKOLA: TRADITION AND TECHNOLOGY. Film screening. <i>Rebecca Israel</i> , film author.
18:00 - 18:30	ADVANCED TECHNOLOGIES OF RESTORATION OF THE CATHEDRAL "NOTRE DAME" IN PARIS. Film screening. <i>Vincent Amoroaux</i> , film author; <i>Dragan Ljubičić</i> , Head of stonemasonry restoration works.
18:00 - 18:30	ROUND TABLE: Connectivity and branding. <i>Davor Ćuk</i> , B.Sc. in Civil Engineering, as moderator.



ORGANIZER:  
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Figure 3: Agenda.



### 3.2. Presentations and speakers

The presentation of the project was held dual on-line and face to face. Several lectures before the presentation shed light on a number of topics that were then united in the presentation of the project. The titles, and thus the topics of these lectures, are visible in the proposed agenda. It is necessary to emphasize the introduction of the representatives of the Marmomac Fair in Verona, which hosted the thematic fair in September 2025. Under the title "Stone take place", in which he announced the importance of sustainability and circular economy for the entire stone sector and announced some of the topics that will be presented.

This has further shown us that our project is topical and that its logic is increasingly emphasized in the implementation in the stone industry.

Most, one can safely say all lectures, are directly related to the topic of the project, starting from the novelties in the legislative framework in mining, through the presentation of schools, institutions and faculties in the mining, construction, geodesy and restoration sectors, to the planning of the rehabilitation of quarries and economies in the stone industry in the EU and countries on other continents.



Figure 4: Online presentation of the RockChain project

Additional, in relation to RockChain objectives (natural stone sector and new technologies, mainly blockchain), lectures were held by eminent lecturers from the Republic of Croatia, Italy, Slovenia, and films by an American director about the School of Stonemasonry of Klesarska Skola were shown, as well as a documentary about the renovation of Notre Dame Cathedral in Paris, in the restoration of which one of the former students of the School of Stonemasonry participated, as a stonemason.

That is why the presentation of the RockChain App was presented by Carlos Martínez Gonzalez project partner from Spain, was further supported by the contribution of other lecturers on the importance of circular economy in the stone industry.

About main results of WP2 of RockChain, Tamara Plastic was in charge to present them, specially the RockChain Curricula.



Figure 5: Discussion at the round table on the topic of the Seminar and the presentation of the RockChain project – App.





Figure 6: Discussion at the round table on the topic of the Seminar and the presentation of the RockChain project – participants.

### 3.3. Summary of the seminar

The first international seminar of the RockChain project took place on 16 May 2025 in Pučišća (Croatia), hosted by the Stonemasonry School Klesarska Skola, and organised as a hybrid event (online and face to face). It was embedded in a broader three-day programme at the School—together with an award ceremony for exceptional achievements in stone and the promotion of the journal “Stonemasonry and Construction”—which helped to maximise visibility and participation. The seminar gathered stakeholders from the stone industry and related research and educational institutions from Croatia and other European countries. A total of 26 in-person attendees not affiliated with the School participated, and 25 evaluation surveys were collected to assess the event and capture feedback.

The seminar content was designed to progressively connect sector needs with the project’s WP2 outputs. The sessions combined context-setting lectures (including updates in mining legislation, perspectives from institutions and faculties linked to mining, construction, geodesy and restoration, and approaches to quarry rehabilitation and circular-economy practices in the stone industry) with international contributions

that reinforced the project's relevance. A dedicated intervention by Marmomac (Verona) representatives, under the title "Stone take place", highlighted the growing importance of sustainability and circular economy for the sector and helped position RockChain within current European industry trends.

In relation to RockChain's core objectives—digitalisation, blockchain, and circular-economy traceability—the programme also included expert contributions from Croatia, Italy and Slovenia, as well as audiovisual materials (films on the School and a documentary on the Notre Dame Cathedral renovation featuring a former student's contribution as stonemason), which provided a tangible bridge between traditional craftsmanship and modern sector transformation.

The RockChain solution itself was presented through (i) a practical demonstration of the RockChain App by Carlos Martínez Gonzalez (Spanish project partner) and (ii) an overview of the main WP2 results, with a focus on the RockChain Curriculum, presented by Tamara Plastic. The seminar concluded with an open round-table discussion aligned with the overall theme of "Connecting and Branding", fostering dialogue on how stronger cooperation between stone-sector actors, branding strategies, and circular-economy implementation can be supported by new digital tools—while recognising that blockchain-based approaches remain new and still relatively abstract for many professionals, making continued dissemination and capacity-building essential.

## 4. DISSEMINATION MATERIAL AND SEMINAR PROMOTION

Dissemination materials were published on the school's website, Facebook and Instagram of the Stonemasonry School.

They were also printed in 2000 copies in one of the European languages, Croatian, English, German, French and Italian. So, a total of 10,000 copies.

The largest part was distributed to the visitors of the Stonemasonry School, about 6,000 copies, before the seminar itself, together with the brochure of the RockChain project. The rest was distributed in the period after the seminar with the aim of dissemination and at the stone fair in Verona, where this year the Stonemasonry School had a central position and where its students demonstrated manual stone processing. Manual processing does not require sawn pieces, so in our school we use everything that the stone industry rejects as unusable. Through this project, the children shed light from a new perspective on the need for rational use of stone, how important it is for the world to do it and how their way of working is actually environmentally conscious and modern, despite the fact that stonemasonry is a traditional and "old-fashioned" craft.



Figure 7: Brochure with the logo of the RockChain project in English – front pages





Figure 8: Brochure with the logo of the RockChain project in English - inner part



Figure 9: Brochure with the logo of the RockChain project in Croatian – external pages





Figure 10: Brochure with the logo of the RockChain project in German – external pages



Figure 11: Brochure with the logo of the RockChain project in French – external pages



#### ORGANIZATOR:

- Deutscher Naturwerkstein-Verband E. V (DNV), NJEMAČKA  
[www.natursteinverband.de](http://www.natursteinverband.de)

#### PARTNERI:

- Asociación Empresarial Centro Tecnológico del Mármol y la Piedra, (CTM), ŠPANJOLSKA  
[www.ctmarmol.es](http://www.ctmarmol.es)
- Universitatea Transilvania din Braşov (UNITBV), RUMUNJSKA  
[www.unitbv.ro](http://www.unitbv.ro)
- KLESARSKA SKOLA Pučišća (KLESARSKA), HRVATSKA  
[www.klesarskaskola.hr](http://www.klesarskaskola.hr)



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Figure 12: Brochure of the RockChain project – example in Croatian – page 1.



The brochure is titled 'CILJEVI' (Objectives) and lists several goals for the RockChain project. It includes a large image of a rock sculpture on the left and a smaller image of a rock with a circular emblem on the right. The website 'www.rockchain.eu' is printed vertically on the right side.

**CILJEVI**

- Omogućiti digitalne alate za obuku profesionalaca starijih od 45 godina i tehničara u sektoru kako bi povećali svoje vještine u digitalizaciji i održivosti.
- Provesti istraživanje i prikupljanje podataka o otpadu koji nastaje u industriji ukrasnog kamena, stvarajući bazu dobrih praksi za ponovno uključivanje otpada u lanac vrijednosti i promicanje cirkularnosti.
- Identificirati prednosti Blockchain tehnologije u kružnom gospodarstvu, ocrtavajući teoretski okvir za njezinu primjenu u gospodarenju otpadom u industriji kamena.
- Napraviti kurikulum za osposobljavanje i širenje informacija među nastavnicima, profesionalcima starijim od 45 godina i stručnjacima u sektoru o gospodarenju otpadom, kružnom gospodarstvu i Blockchain-u.

Projekt RockChain nastao je kako bi se suočio s tim izazovima, pružajući bazu za obuku profesionalcima starijim od 45 godina u sektoru kamena i građevinarstvu te gospodariteljima otpadom, u potencijalnoj upotrebi blockchain tehnologije u gospodarenju otpadom u građevinskoj industriji. Njegov je cilj promicanje digitalne transformacije tradicionalno slabo digitaliziranog sektora, promicanje ponovne integracije otpada u lanac vrijednosti industrije prema kružnijem i održivijem gospodarstvu.

- Razviti interaktivni alat temeljen na Blockchain-u koji olakšava implementaciju stečenog znanja, vizualizirajući upravljanje podacima i njihovu obradu te osigurati njihovu nepromjenjivost za poboljšanje planiranja i upravljanja.

[www.rockchain.eu](http://www.rockchain.eu)

Figure 13: Brochure of the RockChain project – example in Croatian – page 2.

The description of the lecture can also be found on the school's website.





Figure 14: RockChain project - dissemination on the school's website

An article about the lecture was also published in the newspaper "Stonemasonry and Construction".

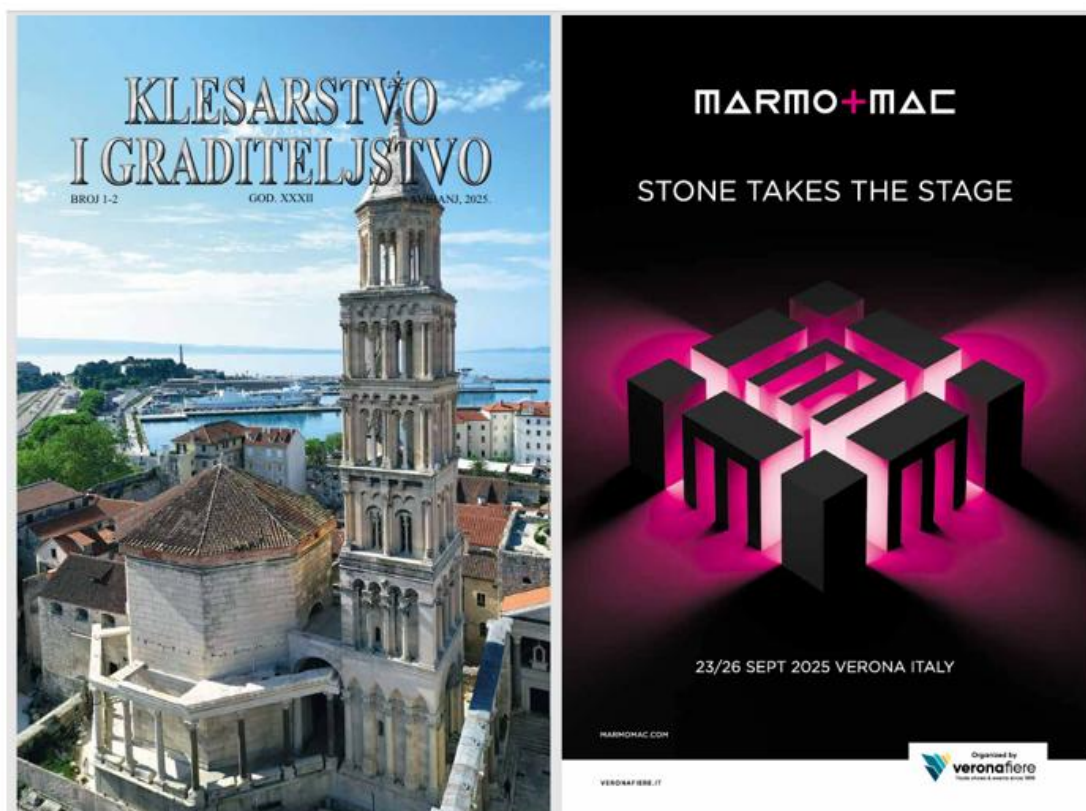


Figure 15: Publication of an article about the project in the newspaper "Stonemasonry and Construction" – cover. The list also includes an advertisement for Marmomac 2025.



The article and advertising of the project is located next to Marmomac and the most famous Croatian companies specializing in work in stone and on the restoration of architectural heritage.

The newspaper was published in a circulation of 300 copies, and can be found on the Croatian scientific portal HRČAK, <https://hrcak.srce.hr/klesarstvo-i-graditeljstvo> .

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## 5. CONCLUSIONS

The presentation of the RockChain project was well received among the project participants. It is good that the other lectures were aimed at further clarifying trends in regulation, environmental policy, circular economy and a whole range of current and modern issues.

However, the topic that the project is studying and the IT tools that have been used in its realization are new to most people, even those who are highly educated, and have been little used so far.

This seminar opened the door to a discussion that took place at the round table.

In addition to the topic of the entire Seminar "Connecting and Branding", the question of the functional connection of connecting economic entities within the stone industry, working on the branding of their products and specializations, and the circular economy as one of the tools to achieve this was logically raised.

The organizer is extremely pleased that the theme of the RockChain project, despite being modern and for a wider audience, is still a somewhat abstract theme.

Encouraging discussion and connecting topics is the first step for such a topic to come to life in practice.



## 6. ANNEX I: SURVEY RESULTS

### Evaluation of the 2nd Transnational Project Meeting of RockChain in Pucisca.

Transversal technological skills for the ornamental rock industry focusing on the  
applicability of Blockchain in a Circular Economy

REFERENCE: 2023-1-DE02-KA220-ADU-000166863

tamaraplastic@gmail.com [Promijeni račun](#)



✉ Nije dijeljeno

\* Označava obavezno pitanje

Name and Surname: \*

Vaš odgovor

Organisation: \*

Vaš odgovor

Figure 16: Evaluation questionnaire – page 1

1. Assessment of the carried out activities. Please evaluate the quality of the activities carried out during the Second Transnational Project Meeting: \*

	Very weak	Weak	Moderate	Good	Very good
Quality of the proposed coordination plan and work programme	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Efficiency of the proposed tasks' distribution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Efficiency of the proposed project website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Usefulness of the proposed evaluation plan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of the proposed dissemination actions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Figure 17: evaluacijski upitnik – stranica 2

2. Assessment of the 2nd Meeting. Please rate the following aspects regarding ★  
the Second Meeting by using the following type of answers:

	Fully disagree	Rather disagree	Neither agree nor disagree	Rather agree	Fully agree
Usefulness of presentations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Usefulness of discussions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The working methods were suitable for the topics and the group	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cooperation with other partners	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Expectations for the meeting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Difficulties were treated constructively/readily	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of my participation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Outcomes of the meeting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Figure 18: Evaluation questionnaire – page 3

3. The agenda of the meeting was: \*

	1	2	3	4	5	
Unclear	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Clear

4. What did you like the most about the meeting? \*

Vaš odgovor

5. What did you like the least about the meeting? \*

Vaš odgovor

Figure 19: Evaluation questionnaire – page 4

6. What suggestions can you make for improving the working procedures of the partners' meetings? \*

Vaš odgovor



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Podnesi

Izbriši obrazac

Figure 20: Evaluation questionnaire – page 5

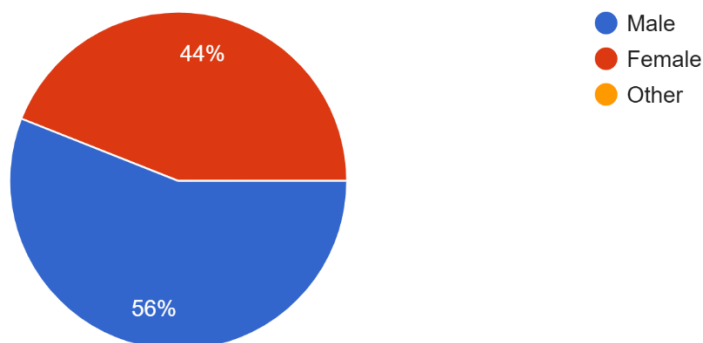


## General data:

Gender:

Gender:

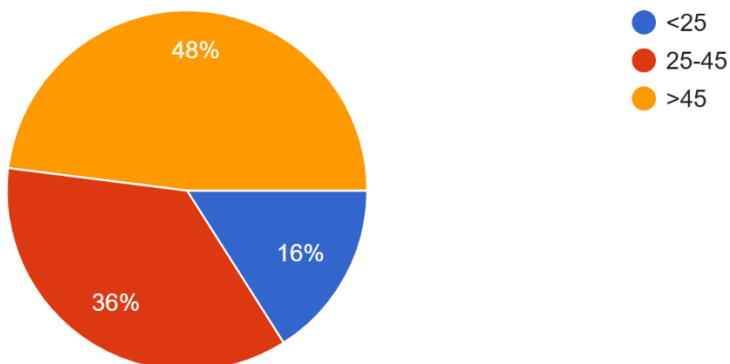
25 responses



Age:

Age:

25 responses

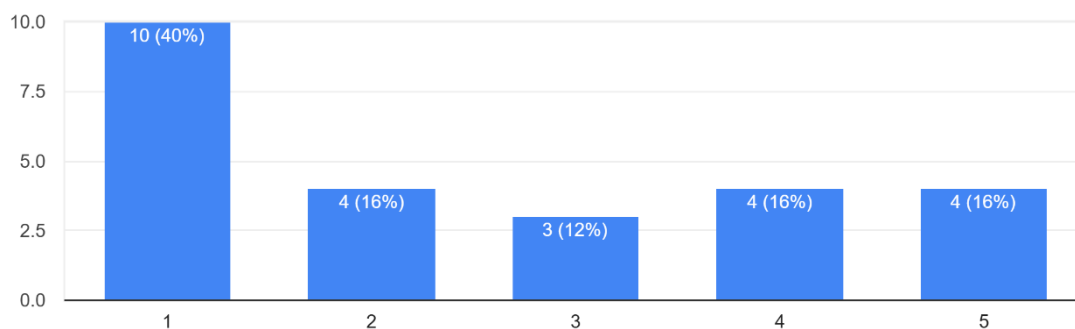


## Before my participation in this activity:

I had been familiar with blockchain.

I had been familiar with blockchain.

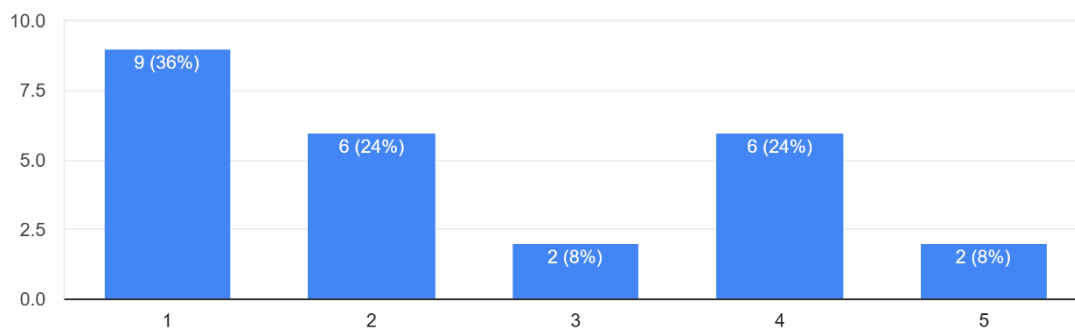
25 responses



I had heard about blockchain used in the stone sector.

I had heard about blockchain used in the stone sector.

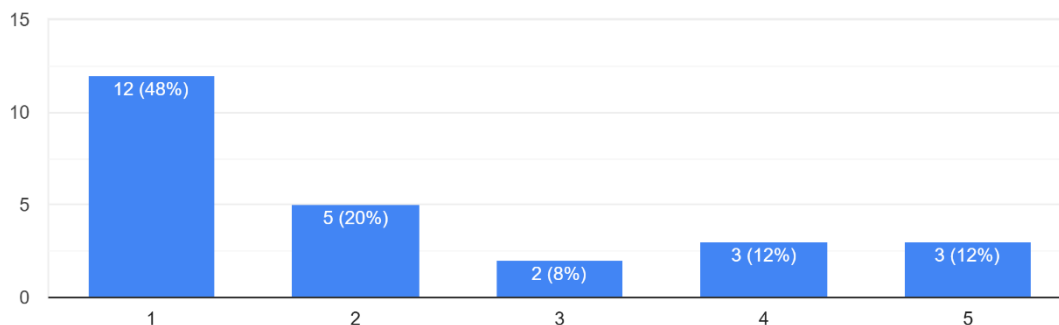
25 responses



I had been involved in similar activities concerning blockchain.

I had been involved in similar activities concerning blockchain.

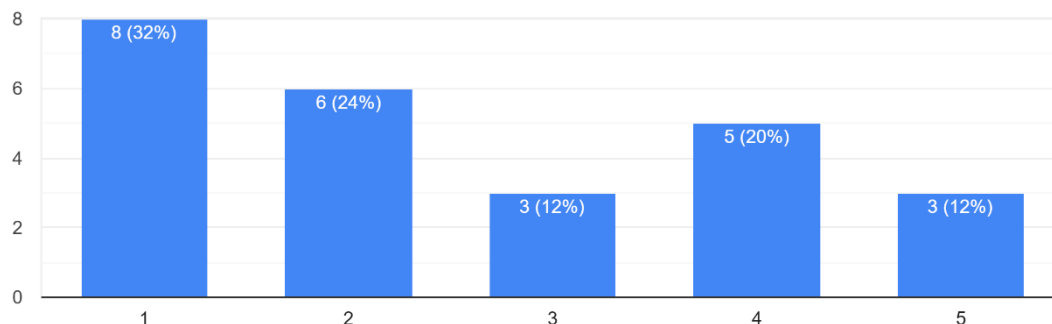
25 responses



I had been involved in similar activities concerning new technologies in the stone sector.

I had been involved in similar activities concerning new technologies in the stone sector.

25 responses

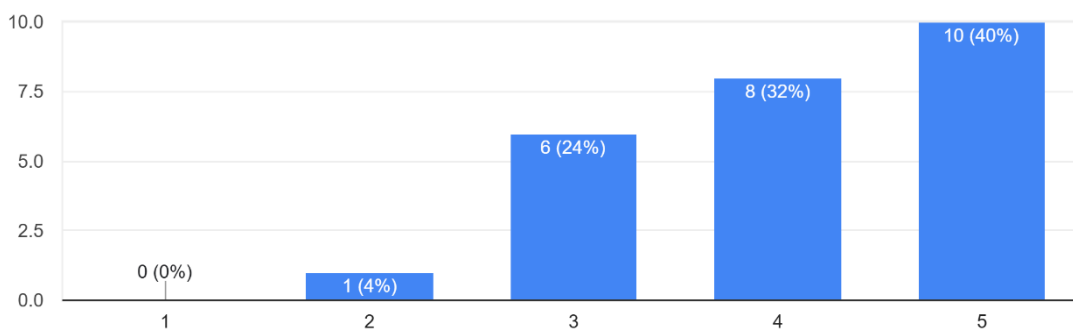


## After my participation in this activity:

I am more familiar with the blockchain.

I am more familiar with the blockchain.

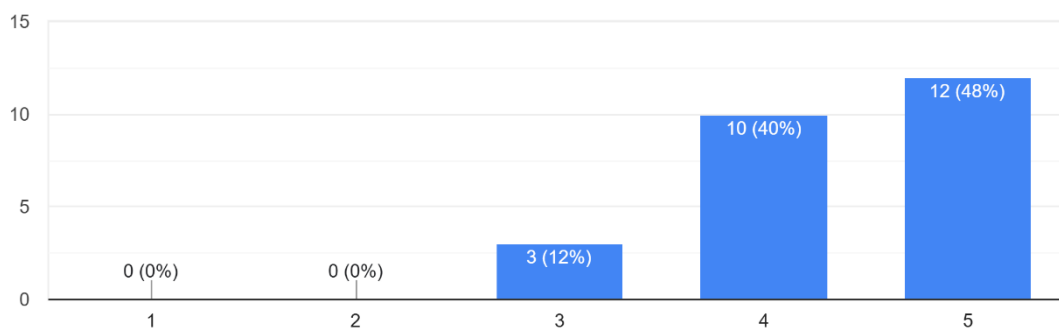
25 responses



I would like to learn more about blockchain in the stone sector.

I would like to learn more about blockchain in the stone sector.

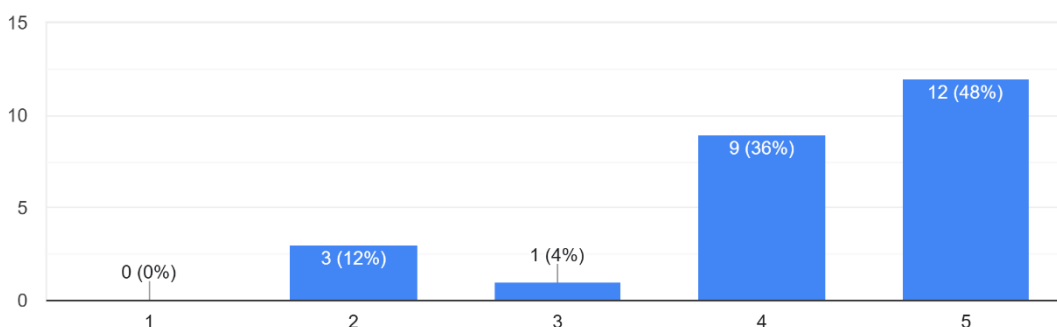
25 responses



I would like to be involved in similar activities concerning blockchain in general (not only for stone sector).

I would like to be involved in similar activities concerning blockchain in general (not only for stone sector).

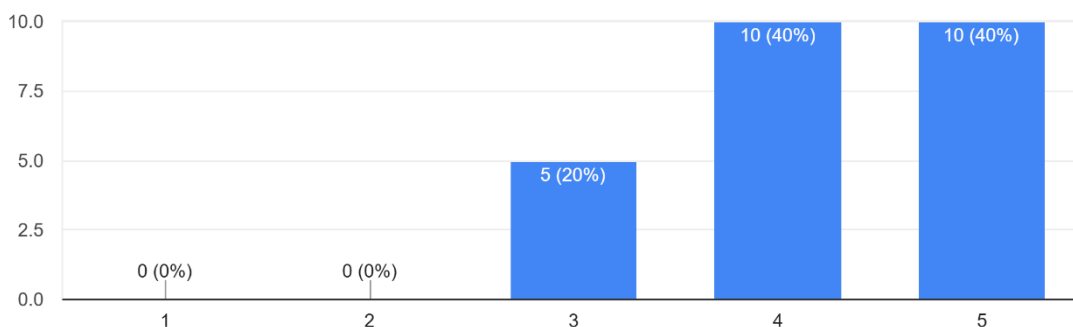
25 responses



I am interested in participating in other stone sector-oriented activities in the future.

I am interested in participating in other stone sector-oriented activities in the future.

25 responses



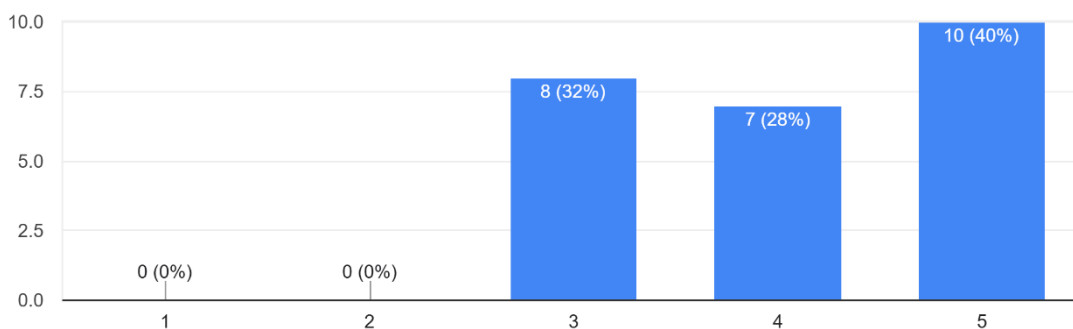


## Evaluate your experience at this event:

The information and advice provided was useful.

The information and advice provided was useful.

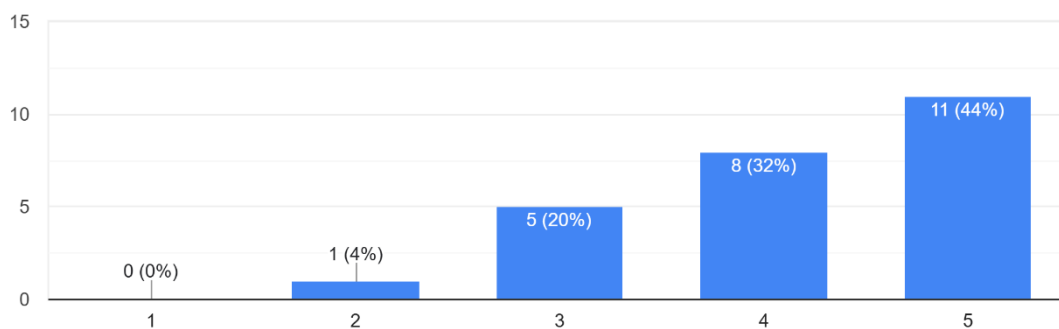
25 responses



The information was communicated in an understandable manner.

The information was communicated in an understabe manner.

25 responses



I was provided the opportunity to ask questions and these were satisfactorily answered.

I was provided the opportunity to ask questions and these were satisfactorily answered.

25 responses

