

Challenges

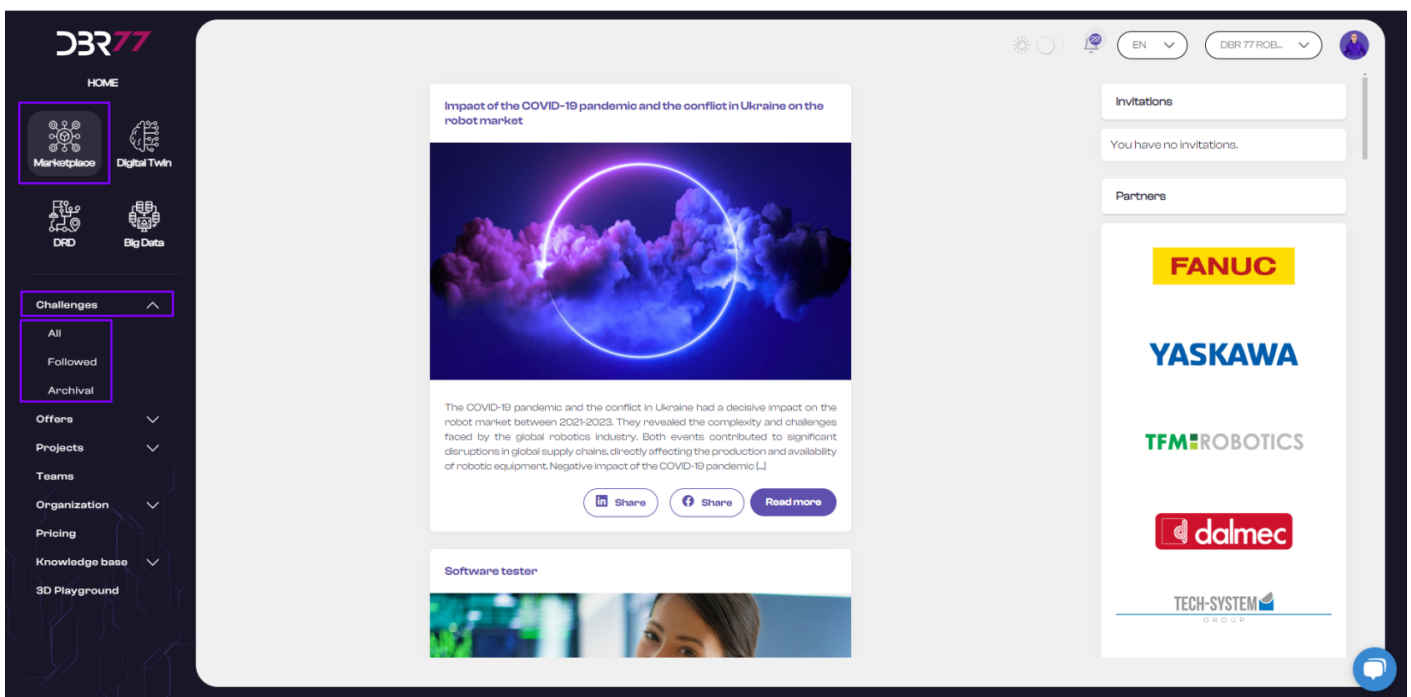
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List of Challenges

Guide to Using the "Challenges" Tab

Browsing Challenges

- Navigate to the marketplace in the product menu on the DBR77 platform.
- Go to the "Challenges" tab.
- Select one of the three available options: All, Followed, or Archived.



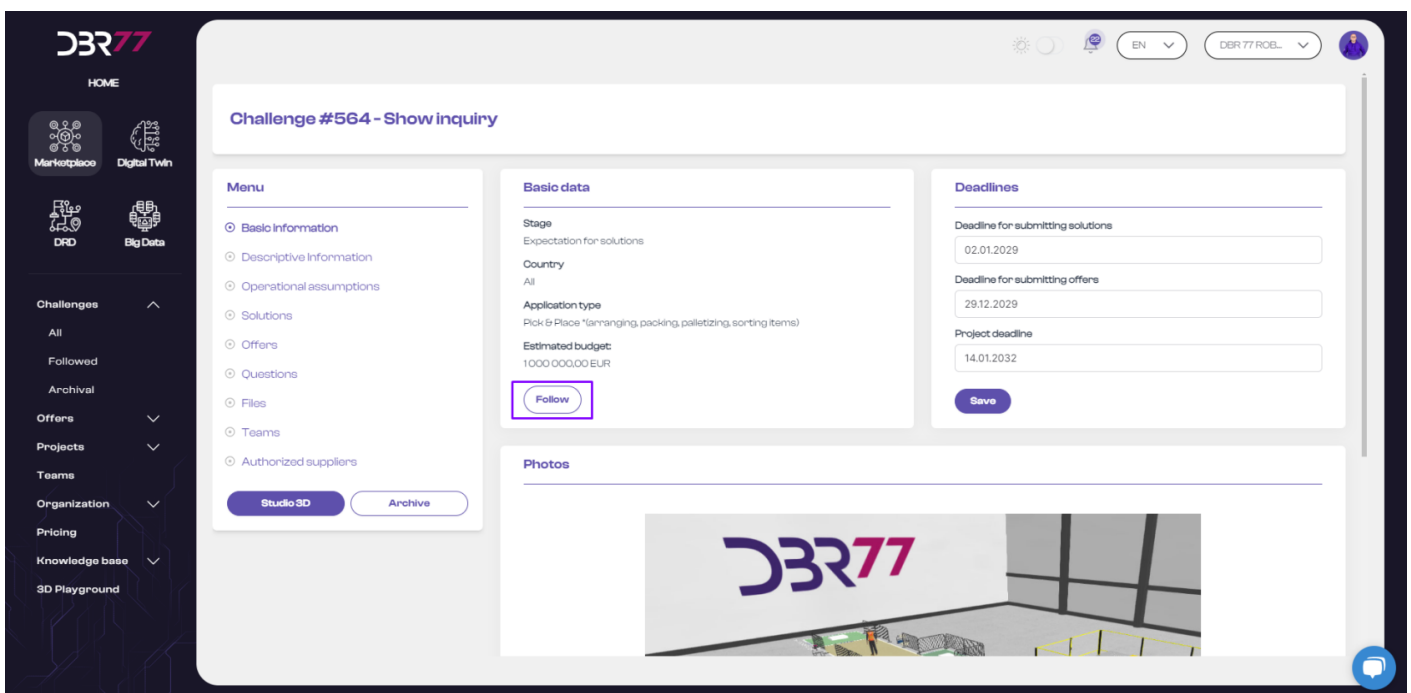
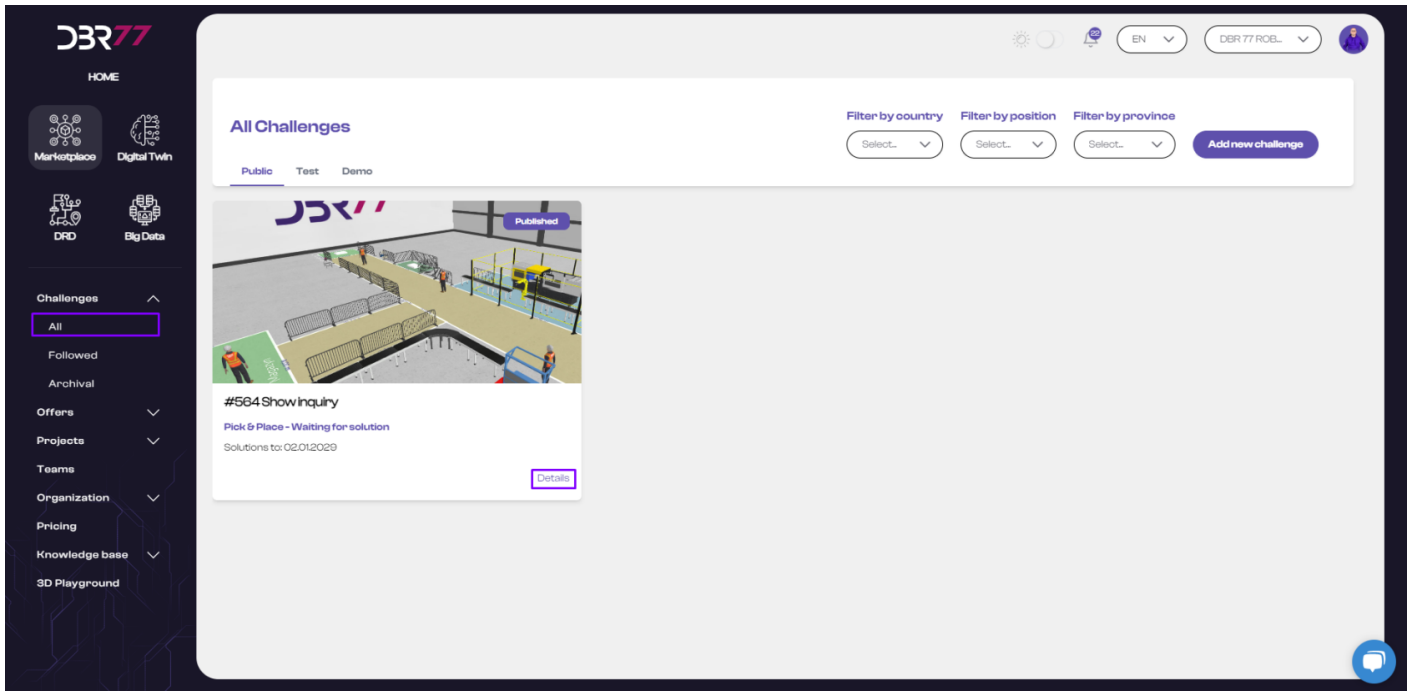
Selecting a Category

- **All:** To view the full list of challenges, select the "All" option. You can browse challenges and filter them based on various criteria.
- **Followed:** To track interesting challenges, choose the "Follow" option. You can add new challenges to your followed list and check their status.
- **Archived:** To view completed challenges, select the "Archived" option. This allows you to analyze past problems and proposed solutions.

Adding Challenges to Followed

- In the "All" tab, find the challenge you want to follow.

- Select Details to view the challenge card.
- Click Follow to add the challenge to your followed list.



Updates and Management

- Regularly check the "Followed" tab for updates on your tracked challenges.
- You can remove a challenge from the followed list if it is no longer relevant to you.

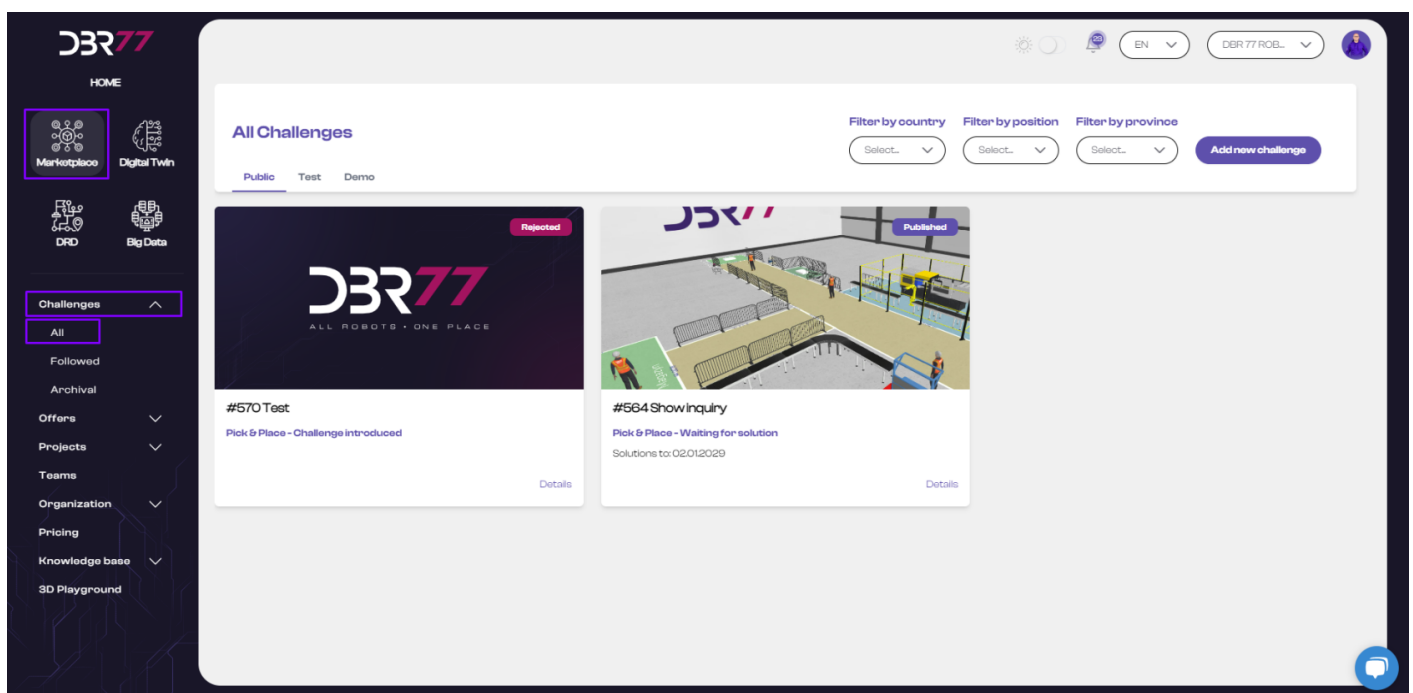
Adding a New Challenge

Guide to Using the "Challenges" Tab on the DBR77 Platform

The option to add a new challenge is available to users with an Investor account, representing production companies looking to implement a project in their facility. Integrator accounts can access the challenges overview to find current requests from investors (production companies) directed at technology providers.

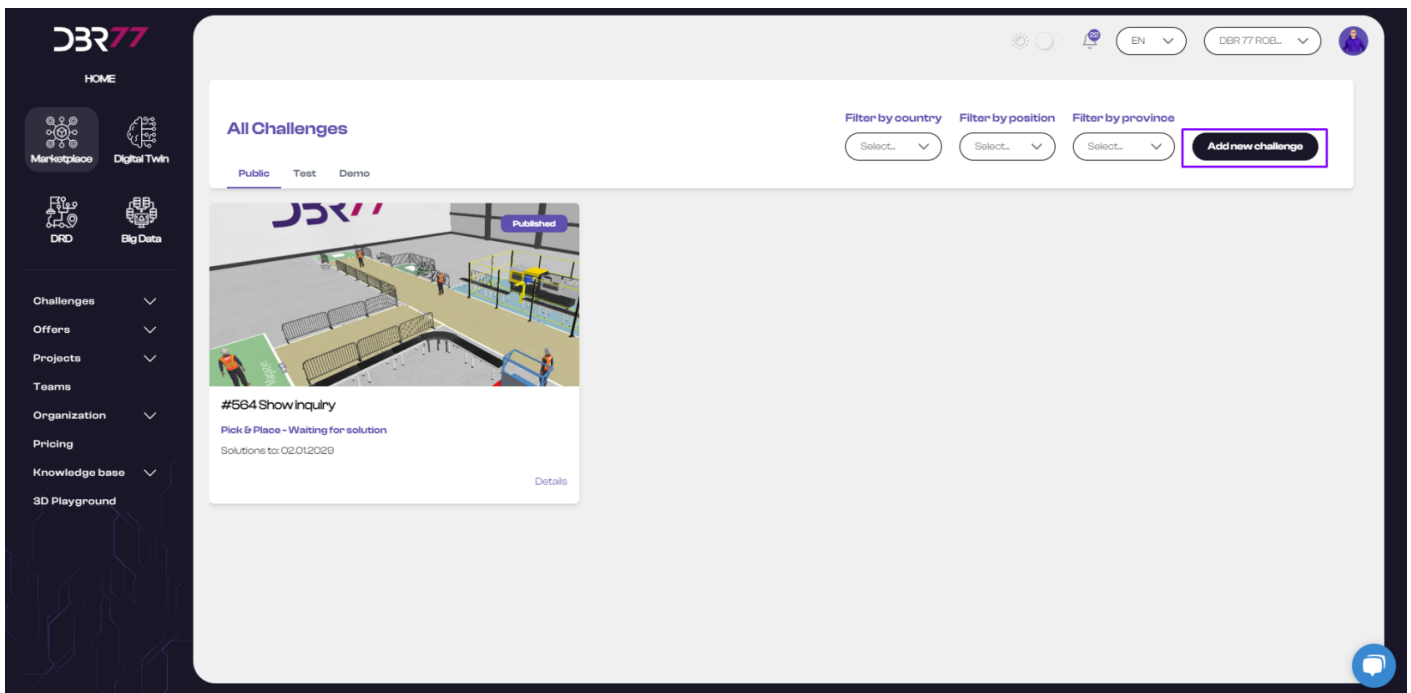
Navigating to the "Challenges" Tab

- Select Marketplace from the product menu on the DBR77 platform.
- Click on the Challenges tab and choose All to view available challenges.



Adding a New Challenge

- Click the Add New Challenge button.



Steps to Complete the Challenge Form

The form consists of four steps, which must be completed in sequence to create a comprehensive request:

Step 1: Basic Information

- Includes: General project information, project goal, layout constraints, and contact details.

Step 2: Detailed Information

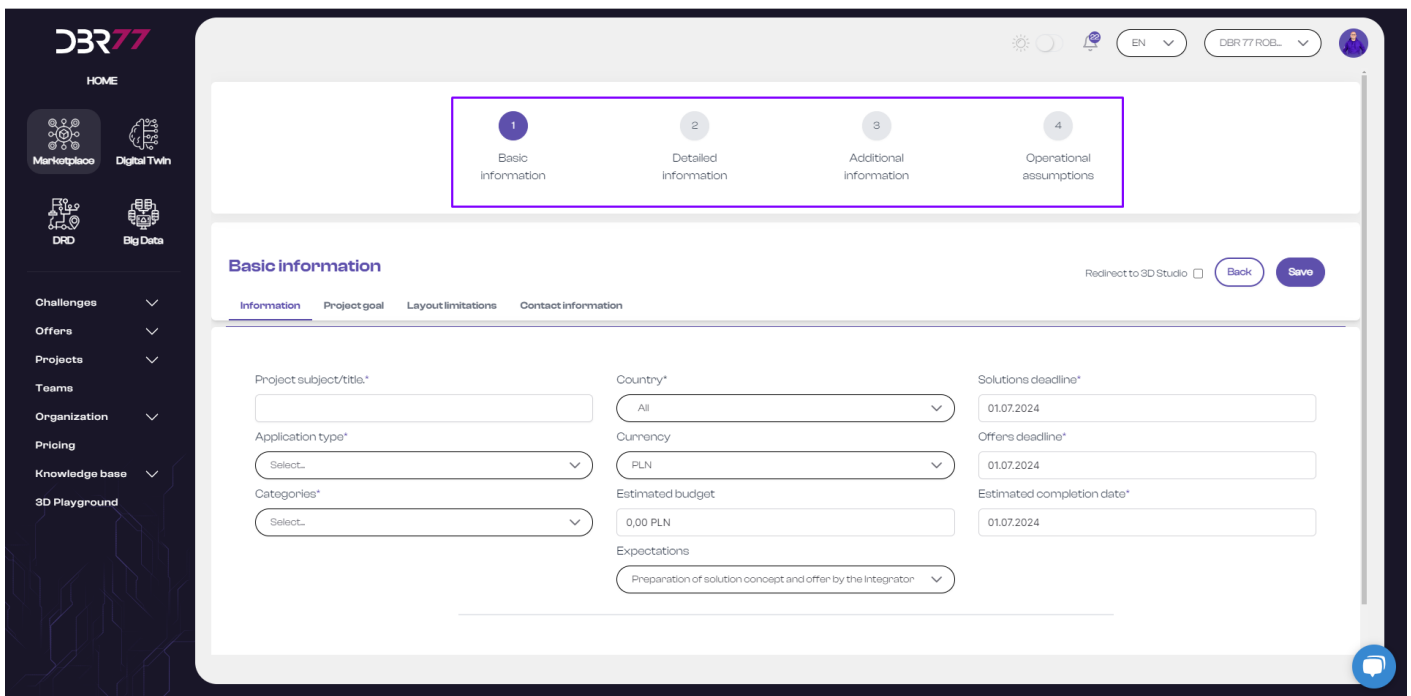
- Includes: Description of the current/planned process.
- Product details.
- Current/desired cycle times.
- Existing machinery to be used at the new location.

Step 3: Additional Information

- Includes: Preferred suppliers.
- Remote access options.
- Data storage preferences.
- Other relevant information.
- Option to upload files.

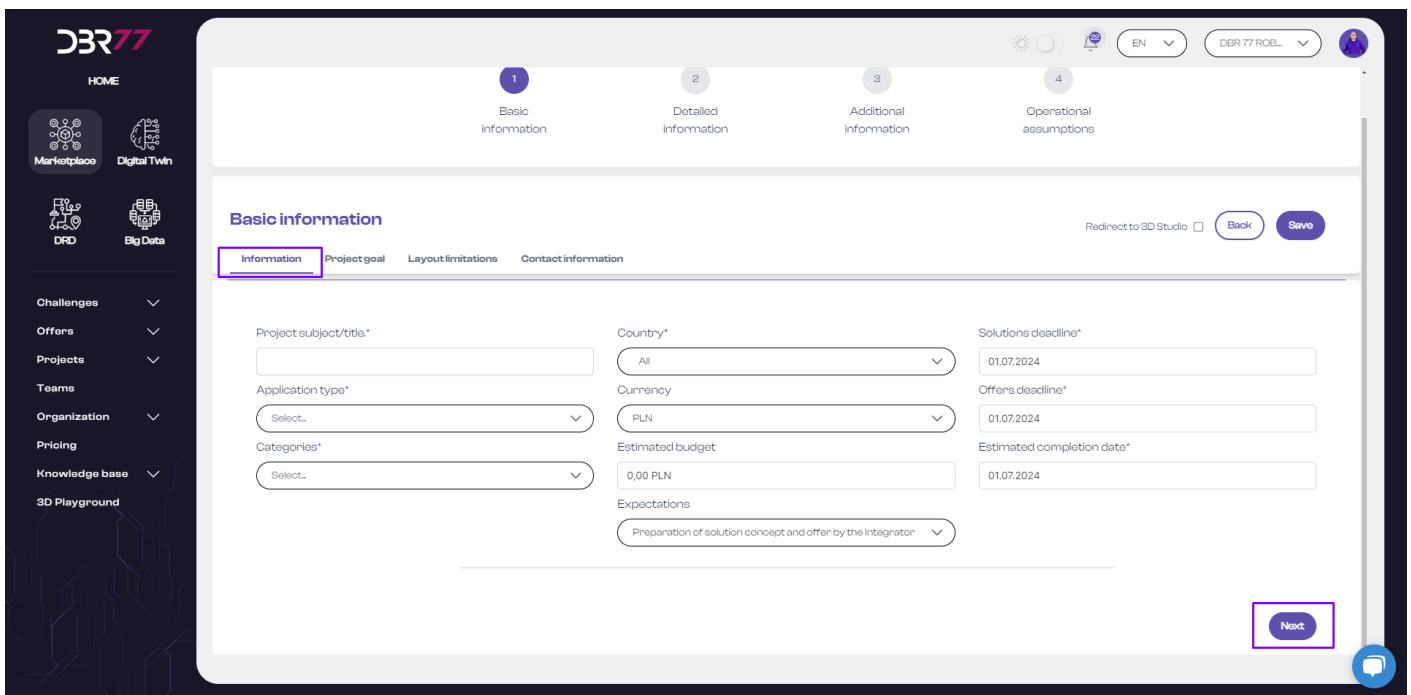
Step 4: Operational Requirements

- Includes a form outlining the operating conditions of the production site.



Navigation Between Steps

- Move between steps using the Next button or by selecting the appropriate tab with your mouse.



Additional Features

- Descriptive Section: Add links to videos and images, and customize fonts to enhance the presentation.
- File Uploads: Upload files in Step 3 or any other step.
- Switch to 3D Studio: After saving the challenge, you will be redirected to the 3D Studio, where you can create visualizations and animations of the current state of the production

line/workstation or propose solutions.

The screenshot shows the 'Basic information' tab of a challenge form in the D3R77 application. The form is divided into four main sections: 1. Basic information, 2. Detailed information, 3. Additional information, and 4. Operational assumptions. The 'Basic information' section is currently active and contains several input fields: 'Project subject/title*', 'Country*' (set to 'All'), 'Solutions deadline*' (set to '01.07.2024'), 'Application type*' (set to 'Select...'), 'Currency' (set to 'PLN'), 'Offers deadline*' (set to '01.07.2024'), 'Categories*' (set to 'Select...'), 'Estimated budget' (set to '0,00 PLN'), and 'Estimated completion date*' (set to '01.07.2024'). There is also an 'Expectations' dropdown menu set to 'Preparation of solution concept and offer by the integrator'. At the top right of the form, there are buttons for 'Redirect to 3D Studio', 'Back', and 'Save'. The 'Save' button is highlighted with a red box.

- Each tab in the challenge form contains helpful notes to guide you in creating a complete request and ensuring that all critical information is included.

The screenshot shows the 'Project goal' tab of the challenge form. The form is divided into four main sections: 1. Basic information, 2. Detailed information, 3. Additional information, and 4. Operational assumptions. The 'Project goal' section is currently active and contains a large text area for describing the project goal. The text area is titled 'What can I describe?' and contains two bullet points: '1. Workstation automation level' and '2. The anticipated effects after implementing automation/robotization.' At the top right of the form, there are buttons for 'Redirect to 3D Studio', 'Back', and 'Save'. The 'Save' button is highlighted with a red box. At the bottom of the form, there are 'Previous' and 'Next' buttons.

Important: Remember to save your challenge before leaving the form to avoid losing any entered data.

Publishing a Challenge

Guide to Publishing a Challenge on the DBR77 Platform

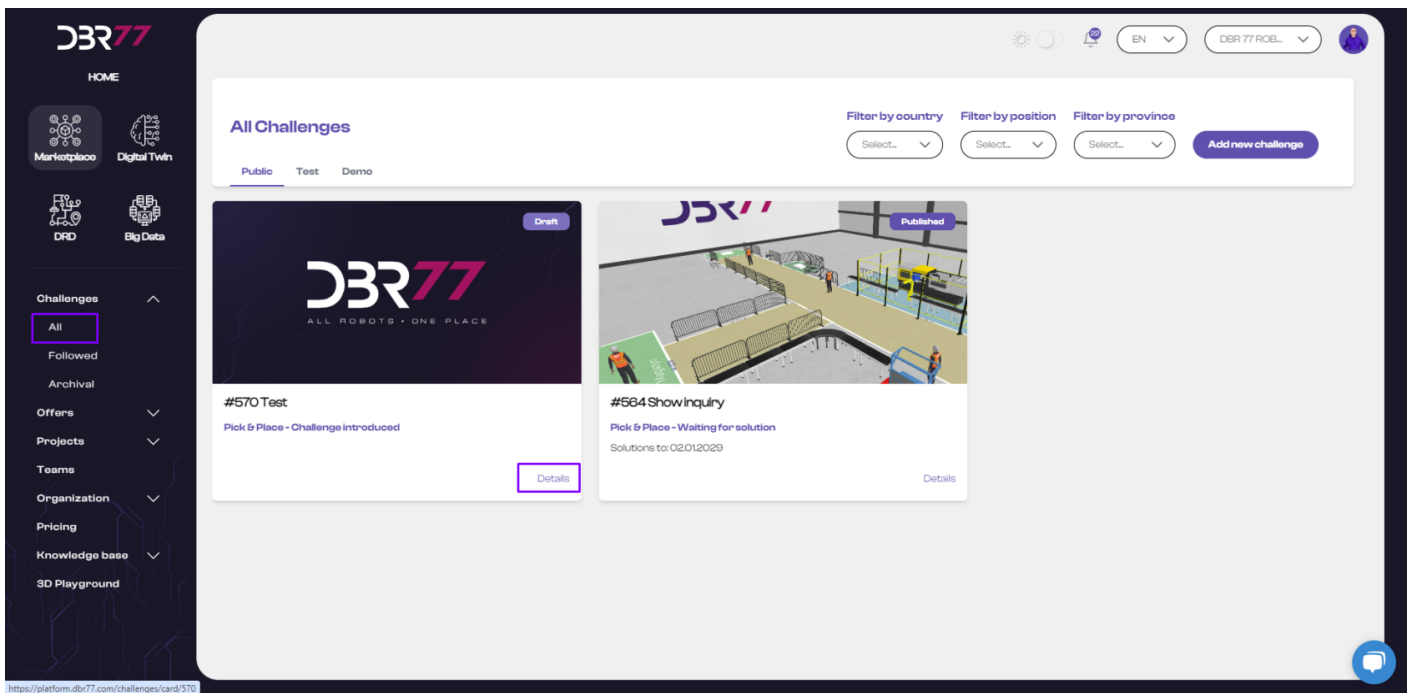
Editing and Saving the Challenge

1. **Complete the Challenge Creation:** Ensure that all steps of the challenge form (Basic Information, Detailed Information, Additional Information, Operational Requirements) are completed according to your needs.
2. **Save Your Challenge:** Click the **Save** or **Save as Draft** button to secure all entered data.

The screenshot displays the DBR77 platform interface. On the left is a dark sidebar with navigation icons for Marketplace, Digital Twin, DRD, and Big Data, along with a menu for Challenges, Offers, Projects, Teams, Organization, Pricing, Knowledge base, and 3D Playground. The main content area shows a progress bar with four steps: 1. Basic information (active), 2. Detailed information, 3. Additional information, and 4. Operational assumptions. Below the progress bar, the 'Basic information' form is visible, with tabs for Information, Project goal, Layout limitations, and Contact information. The form contains several input fields and dropdown menus: Project subject/title* (Test), Country* (Poland), Solutions deadline* (01.07.2024), Application type* (Pick & Place *(arranging, packing, palletizing, sorting items)), Province* (Lower Silesian), Offers deadline* (02.07.2024), Categories* (Normal), Currency (PLN), Estimated completion date* (03.07.2024), Estimated budget (0,00 PLN), and Expectations (Preparation of solution concept and offer by the integrator*). A 'Save' button is highlighted with a red box in the top right corner of the form area.

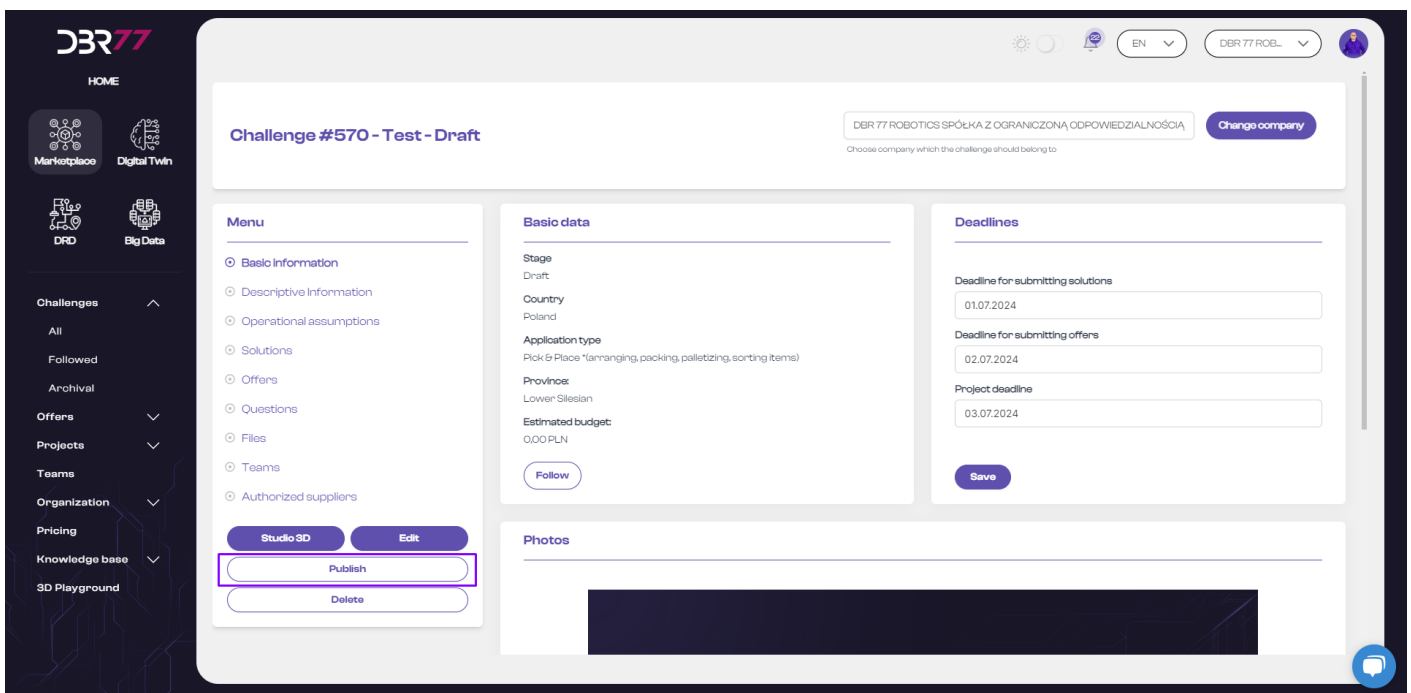
Transition to the Publishing Procedure

- **Data Verification:** Double-check that all information is correct and complete before proceeding with publication.
- **Access Challenge Details:** Select the details of the challenge you wish to publish. A published challenge will be visible to all registered integrators on the platform or to a customized list of suppliers created by the investor.
- **Supplier List:** For a detailed guide on creating a supplier list, click [here](#).



Publishing the Challenge

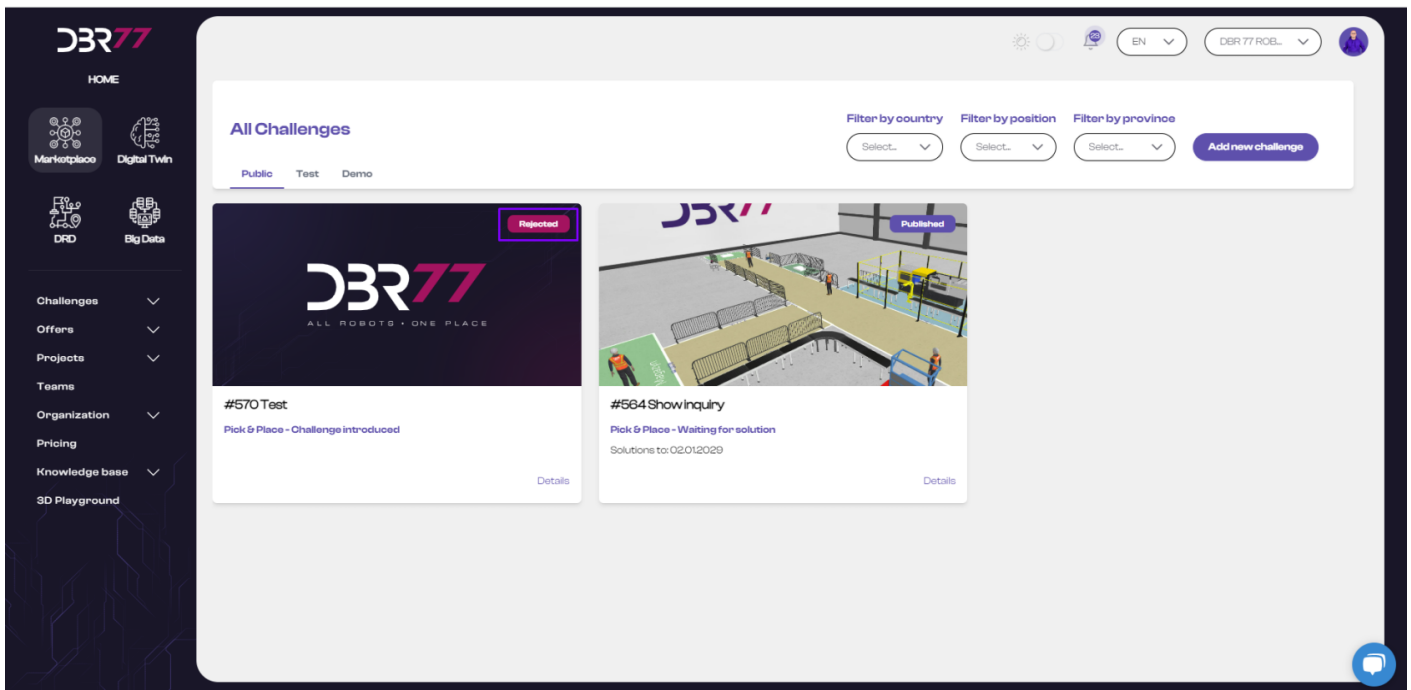
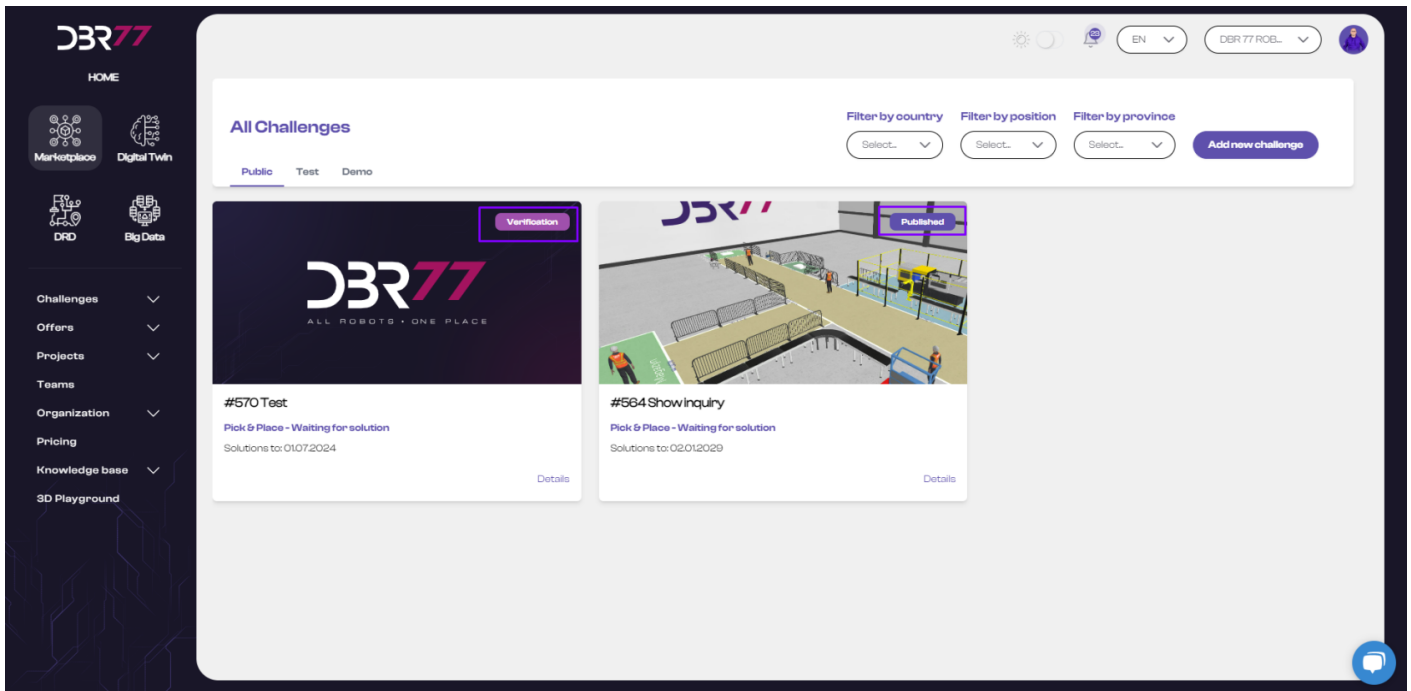
1. **Click "Publish":** Once ready, click the publish button to submit your challenge for approval by DBR77 experts.
2. **Wait for Confirmation:** After submission, await approval, which includes a review and verification process by the platform administrators.

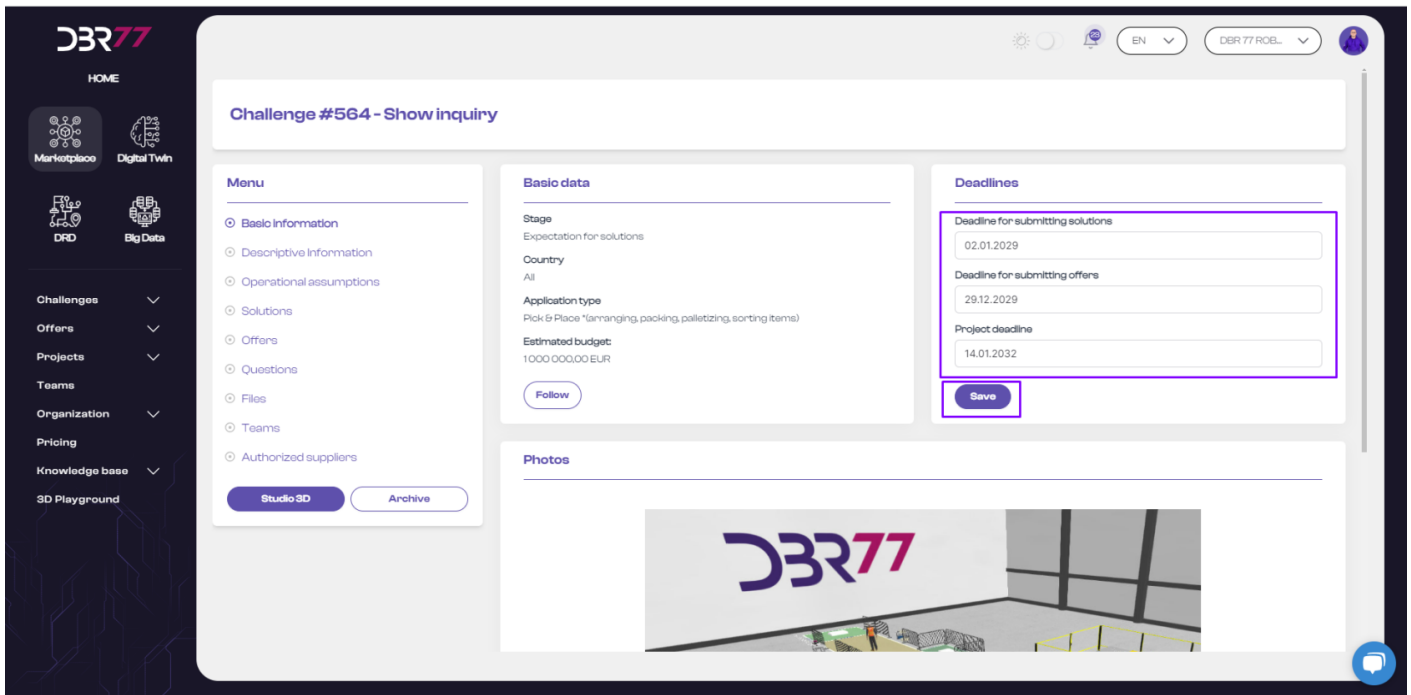


Managing Published Challenges

- **Monitor Status:** Regularly check the status of your challenge in the platform's administration area.
- **Edit or Update:**

- Adjust submission deadlines for solutions, offers, and projects if necessary.
- Note: Descriptive texts cannot be edited, but updated files can be added to the challenge.
- After making updates, ensure you save the revised deadlines.





Completing the Publishing Process

- **Track Responses:** After publication and approval, monitor responses and feedback to your challenge on the DBR77 platform.
- **Ongoing Management:** Continue to manage your published challenges to achieve the desired outcomes and success.

Archived Challenges

- **After the Deadline:** If no integrator submits a solution or offer by the set deadline, the challenge will move to the "Archived" tab.
- **Restore a Challenge:** To return the challenge to the "All" view:
 - Update the deadlines for solution and offer submissions.
 - The challenge will automatically reappear in the "All" view and become visible again to integrators on the DBR77 platform.

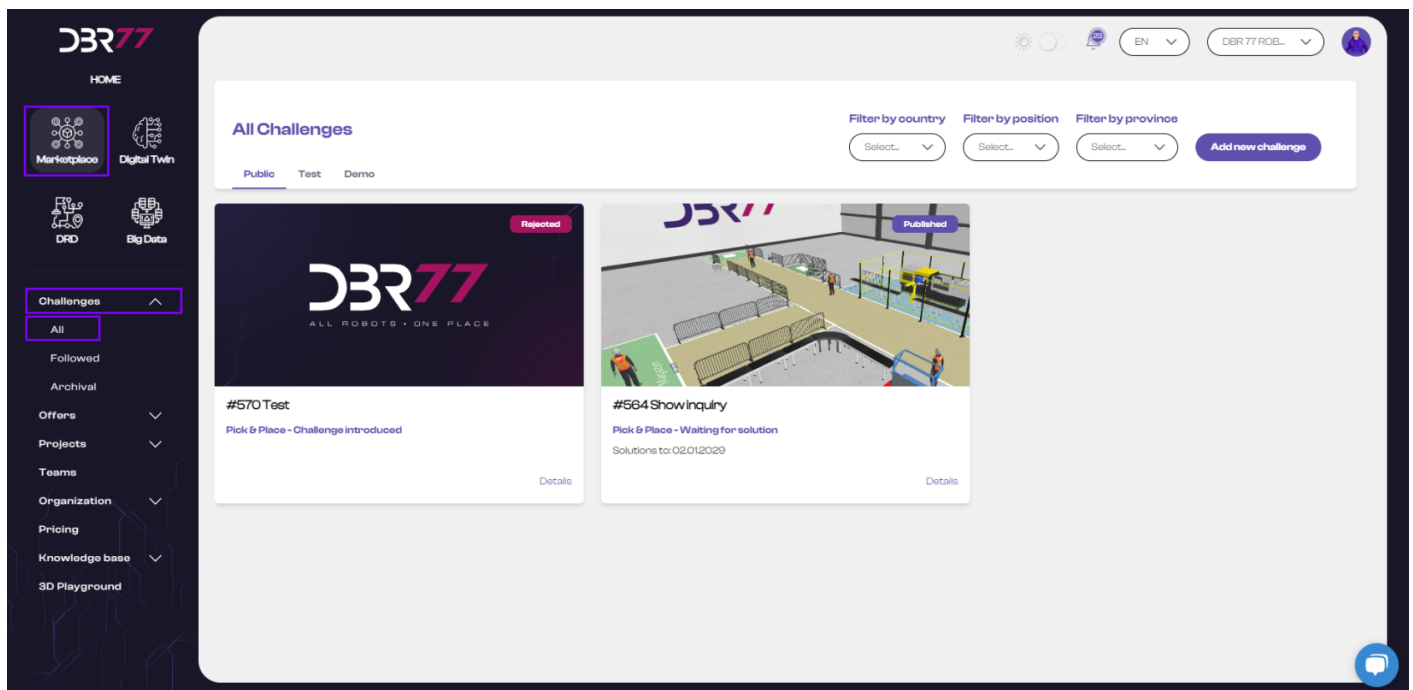
Publishing a challenge on the DBR77 platform is a crucial step for showcasing and promoting projects and initiatives. Providing complete and accurate information, coupled with regular monitoring, maximizes the efficiency and impact of your activities on the platform.

Viewing Challenge Details

Guide to Viewing Challenge Details on the DBR77 Platform

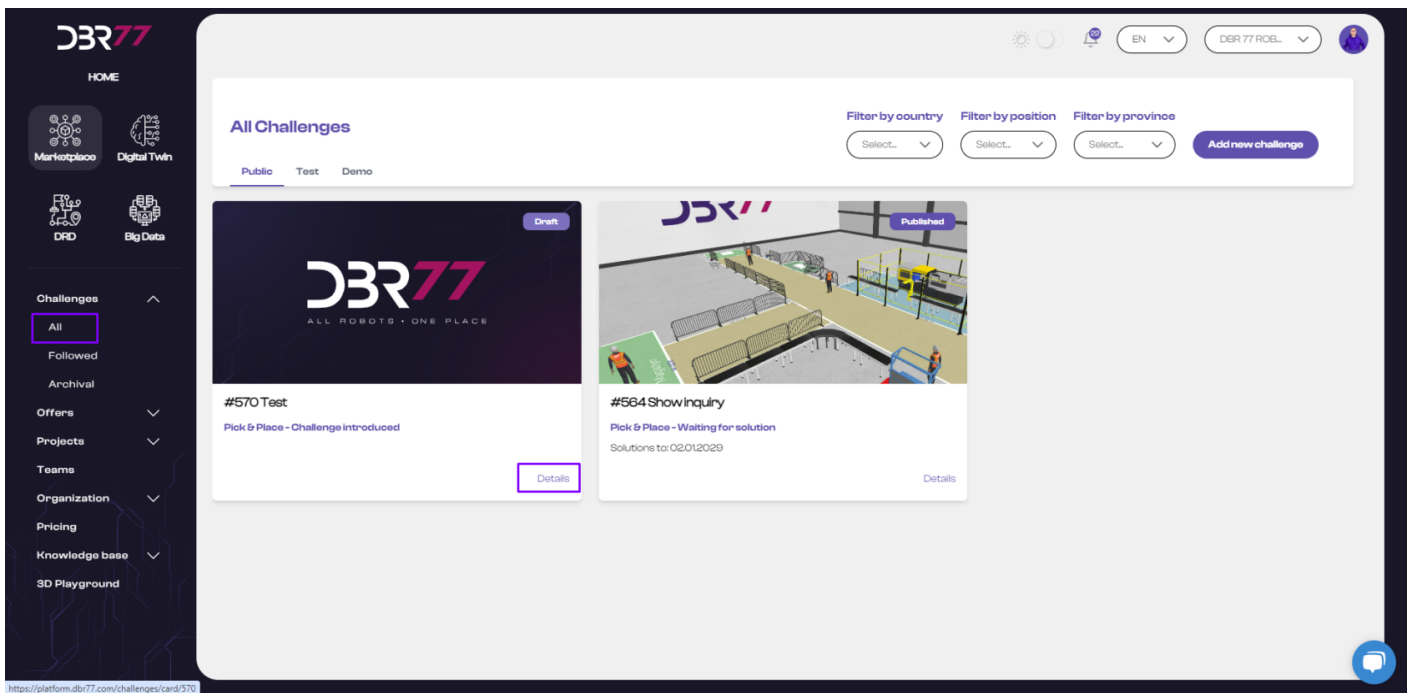
Navigating to the "Challenges" Tab

1. In the product menu on the DBR77 platform, select **Marketplace**.
2. Click on the **Challenges** tab and choose **All** to view the list of challenges.

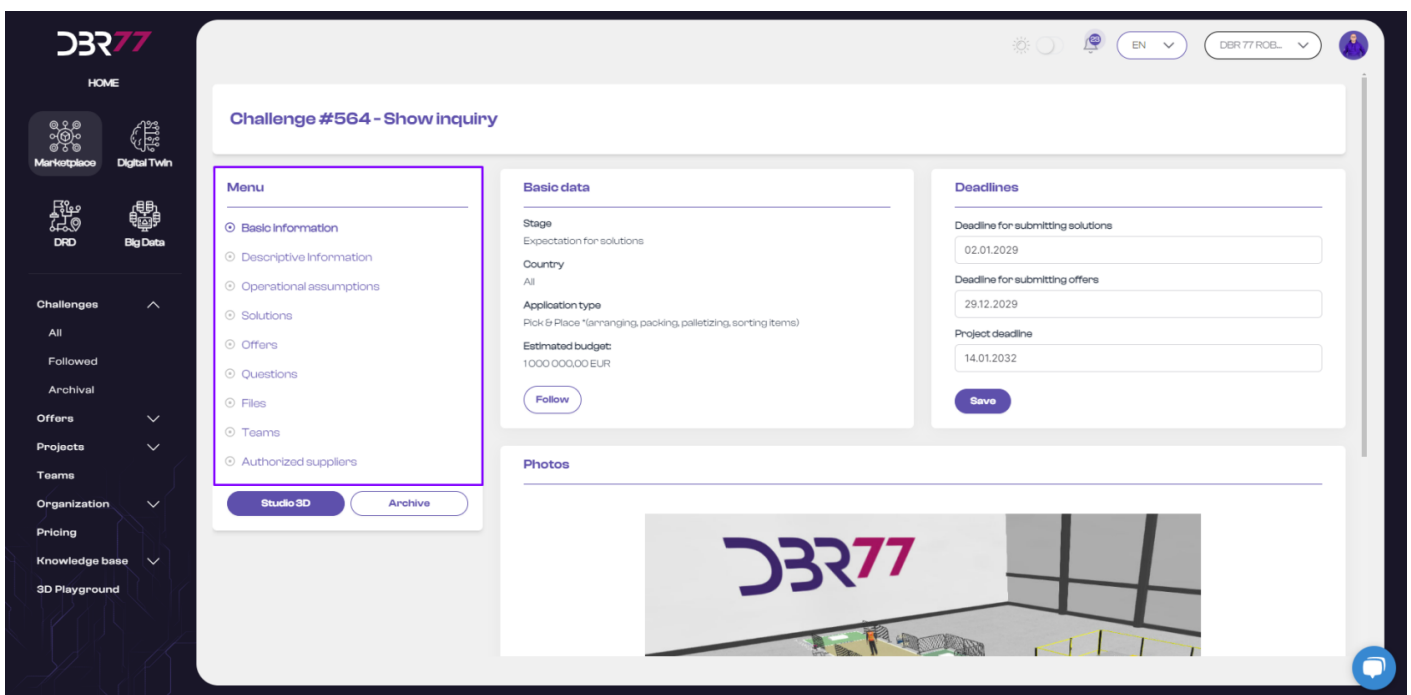


Accessing Challenge Details

- **View Challenge Details:** Select the challenge you wish to view in detail. Published challenges will be visible either to all registered integrators on the platform or to a custom supplier list created by the investor.

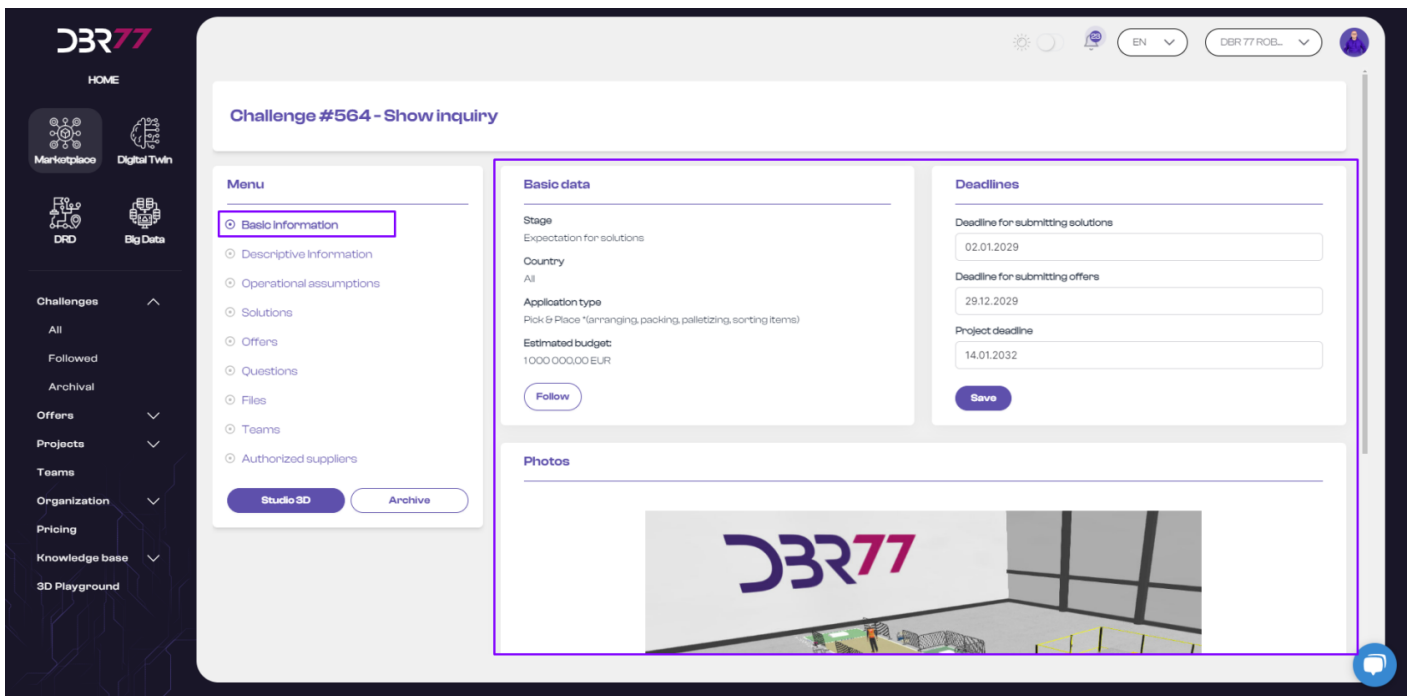


Challenge Card:



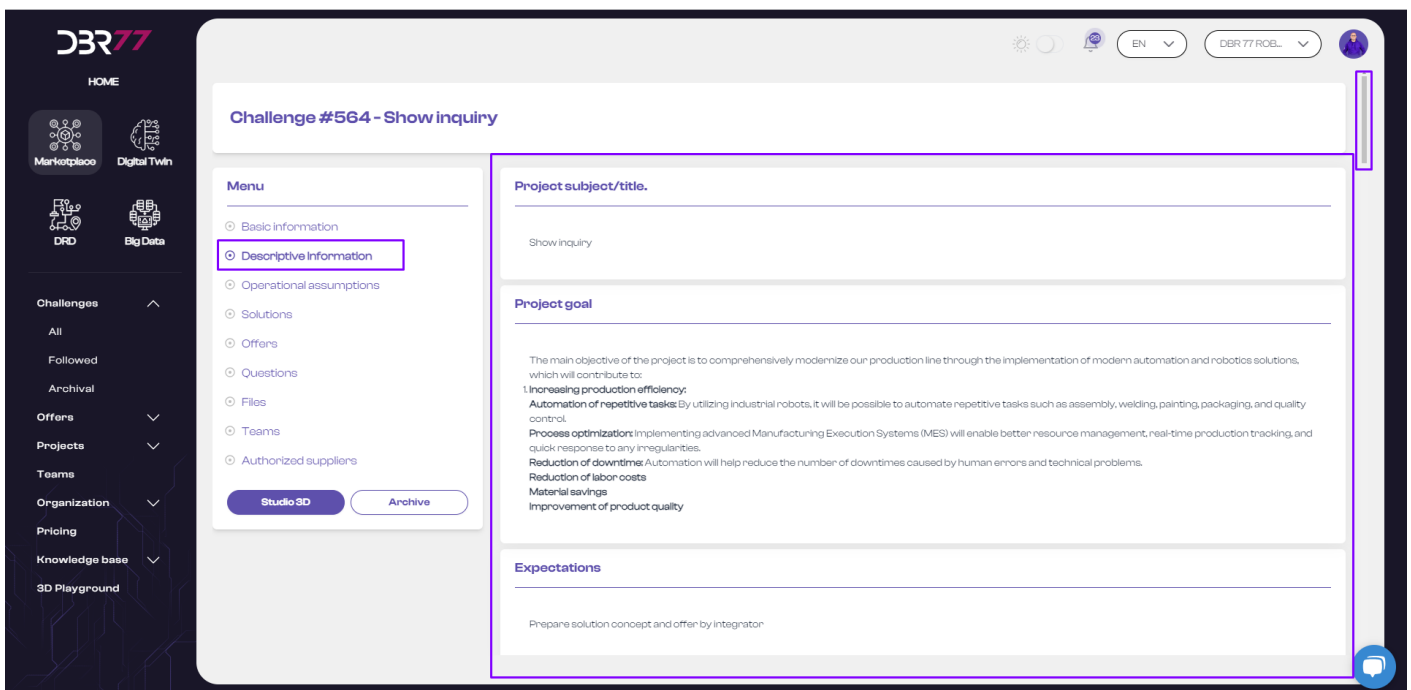
1. Basic Information

- **Description:** Includes the key information about the challenge, such as the title, a brief description, and relevant data, including submission deadlines and updates.



2. Descriptive Information

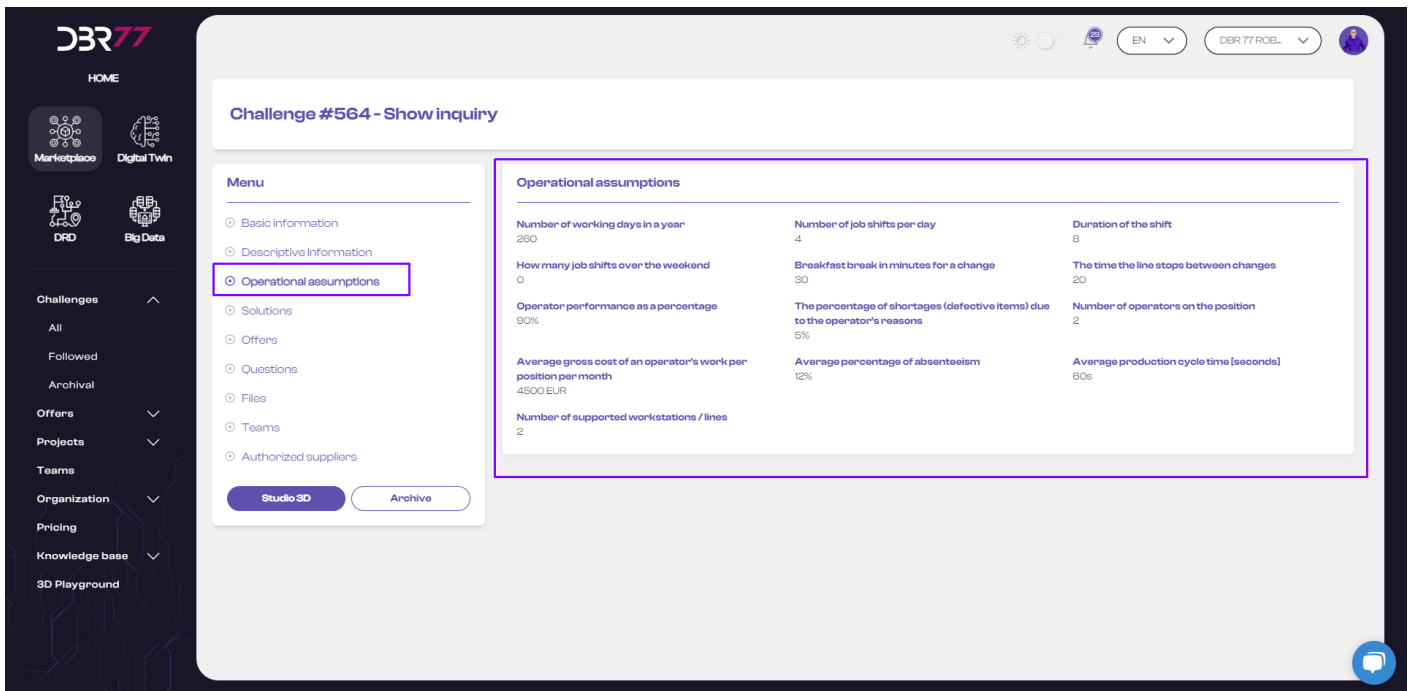
- **Description:** Provides detailed information about the challenge, including:
 - Description of the current or planned process.
 - Product and detail descriptions.
 - Required cycle times.
 - Specifications of machinery to be used at the new location.



3. Operational Requirements

- **Description:** Contains a form outlining the operating conditions of the production site, technical specifications, safety guidelines, and other operational requirements related to

the challenge.



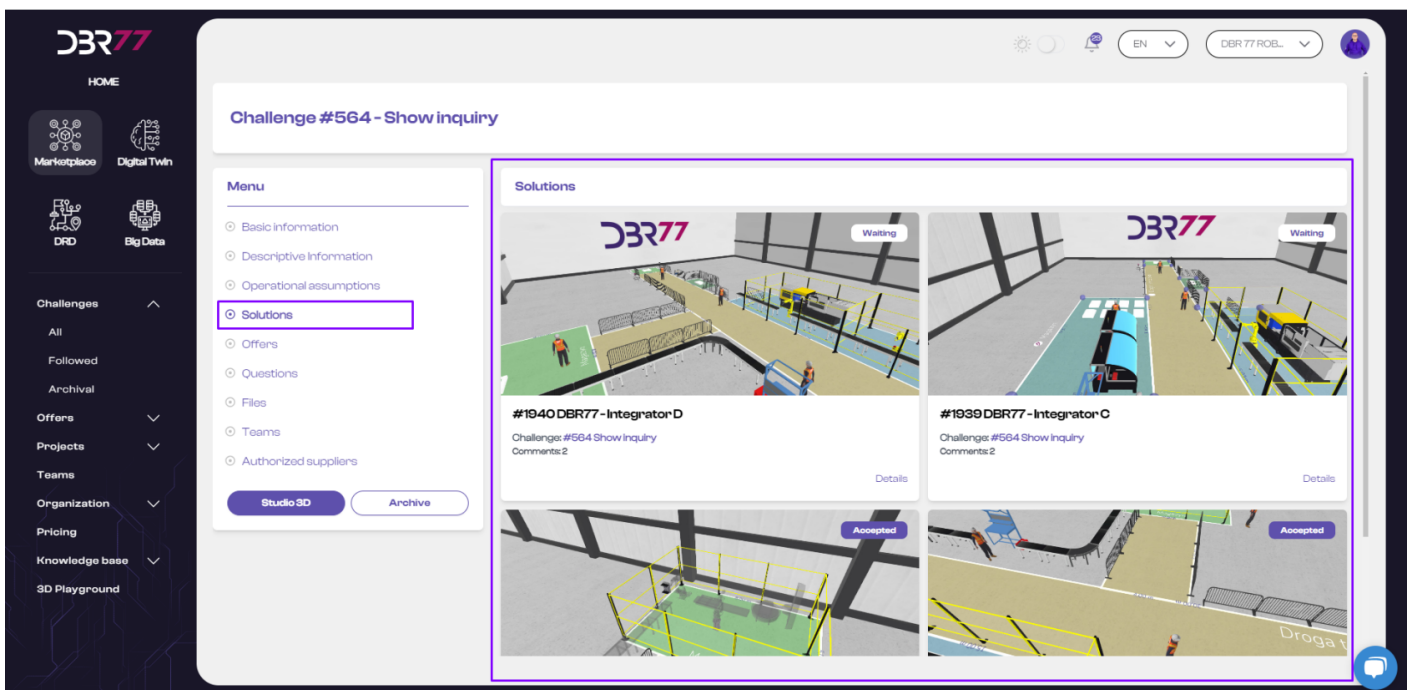
4. Solutions

- **Description:**

- Integrators can present their solution proposals, including implementation methods and innovative approaches.

- **Visibility:**

- The investor can view all submitted solutions related to their request.
- Integrators can only access their own solutions, ensuring they remain private and are not visible to other integrators.



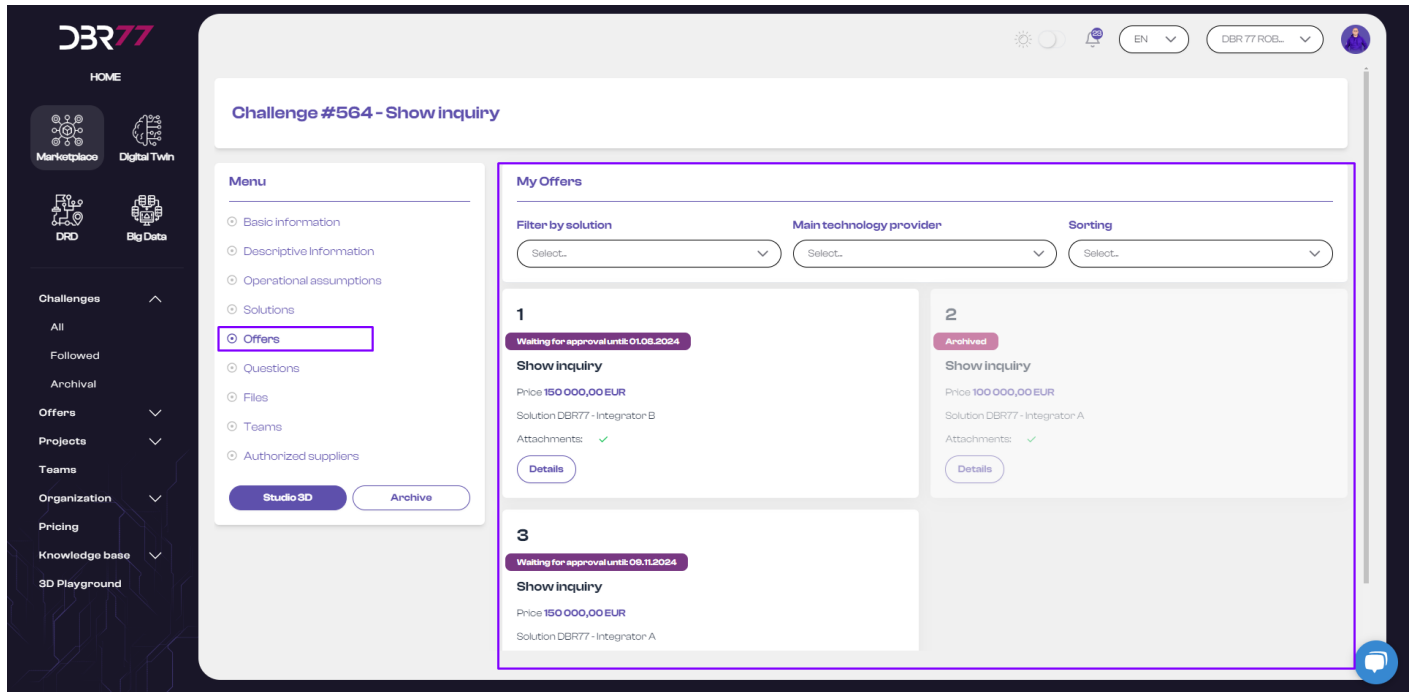
5. Offers

- **Description:**

- Integrators can submit offers for implementing the challenge, considering all specified requirements and operational conditions.

- **For Investors:**

- Analyze, view, and potentially reject received offers.



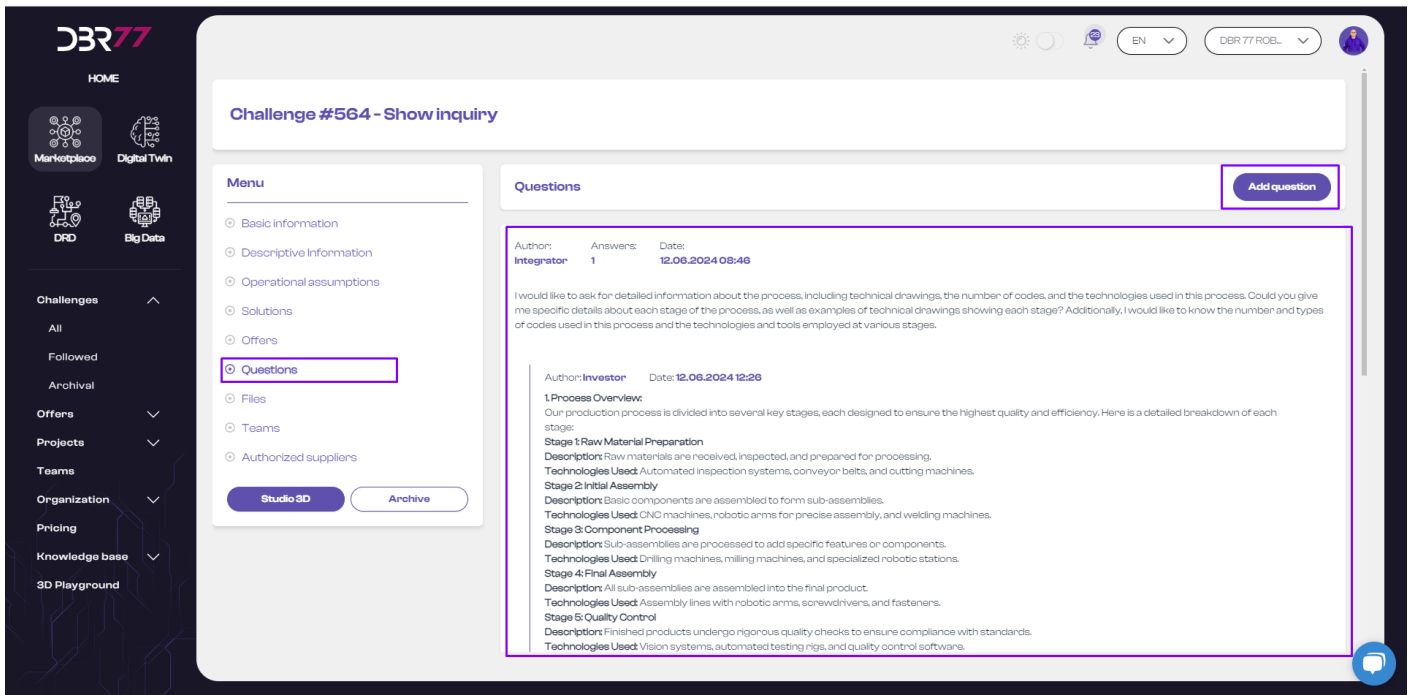
6. Questions

- **Description:**

- Integrators can ask questions about the challenge details to gain a better understanding of its requirements before submitting proposals or offers.

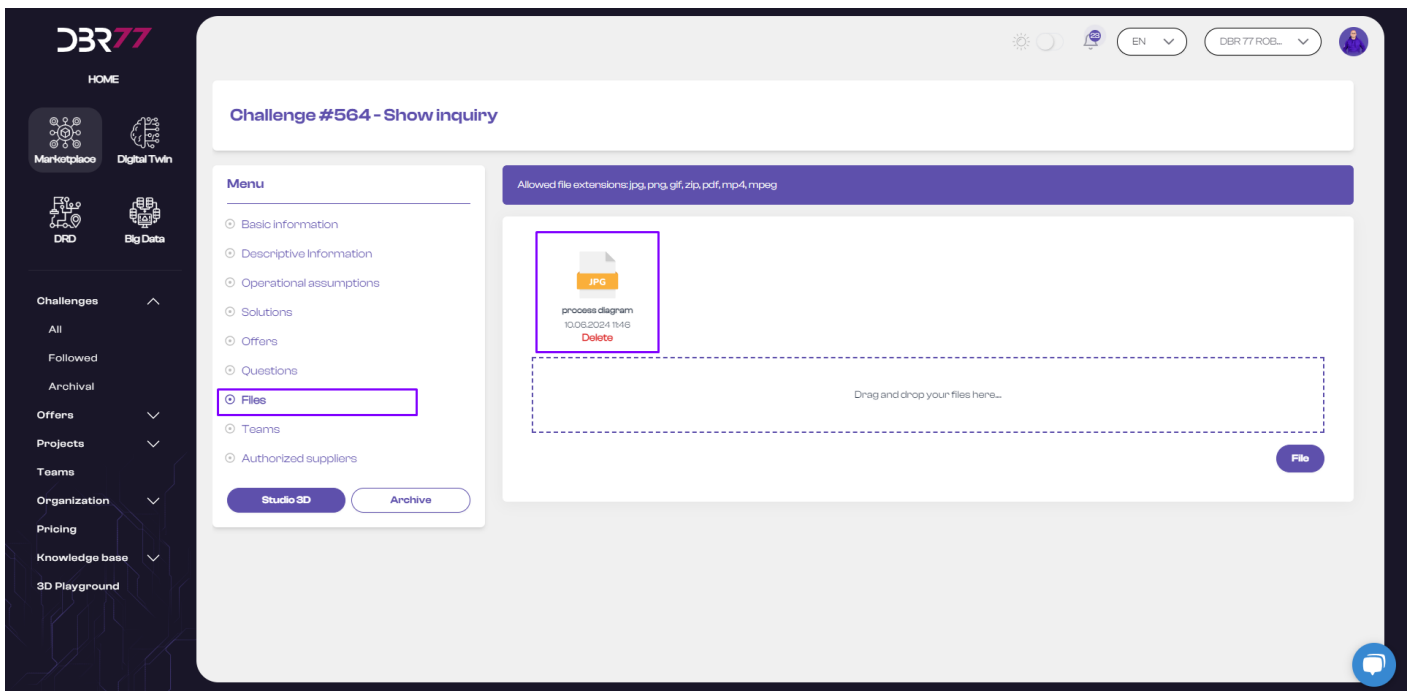
- **Visibility:**

- The "Questions" tab and its content are fully visible to all integrators.



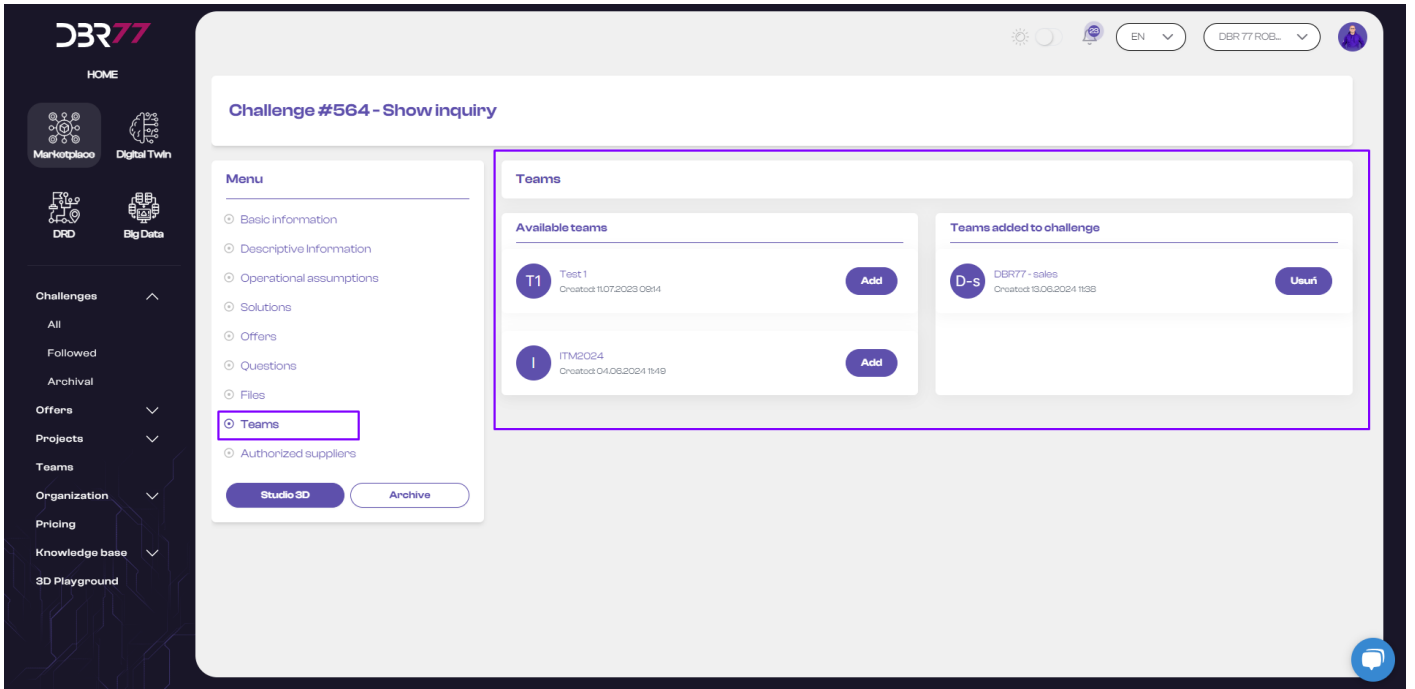
7. Files

- **Description:**
 - Allows uploading files and documents at any stage of the challenge to support integrators in providing detailed information and proposals.



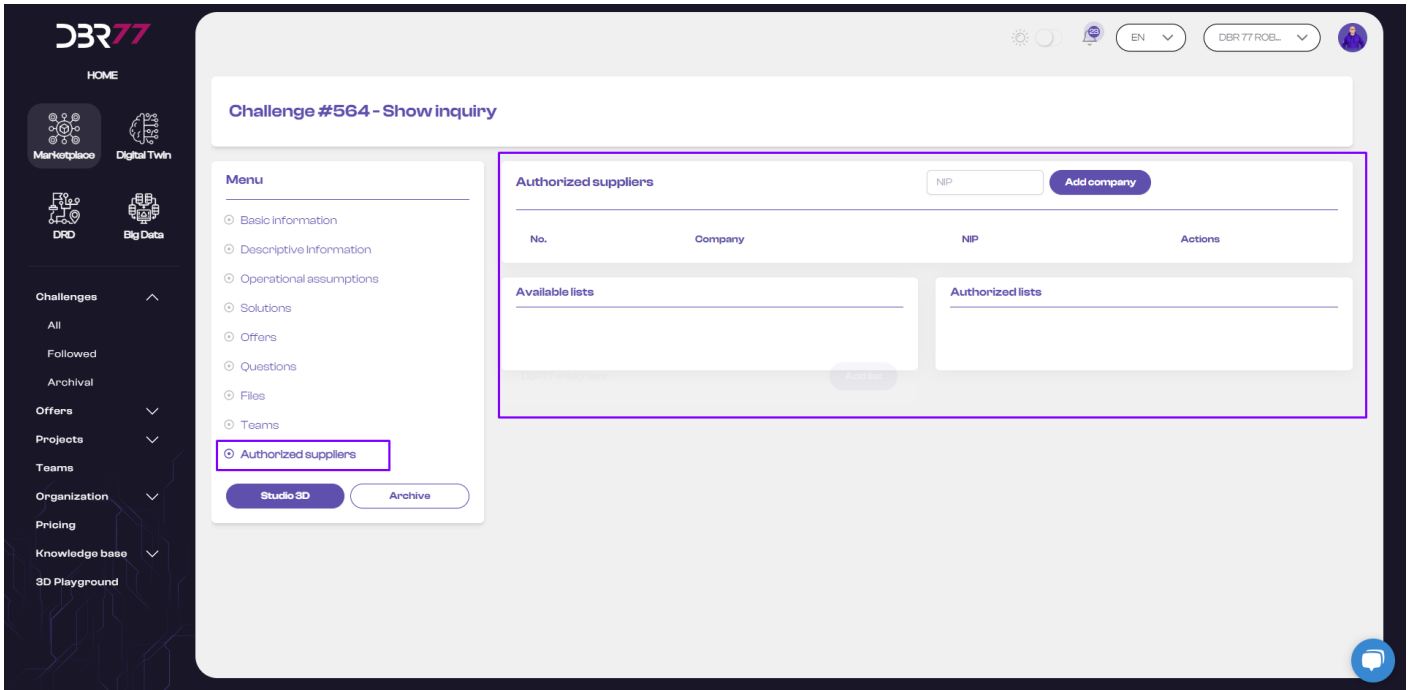
8. Teams

- **Description:**
 - Integrators can create teams responsible for executing the challenge, enabling efficient management of human and organizational resources.
 - **Further Information:** Learn more about team management here: **Teams**.



9. Authorized Suppliers

- **Description:**
 - A list of authorized suppliers eligible to collaborate with the challenge organizer, ensuring high-quality and professional project execution.

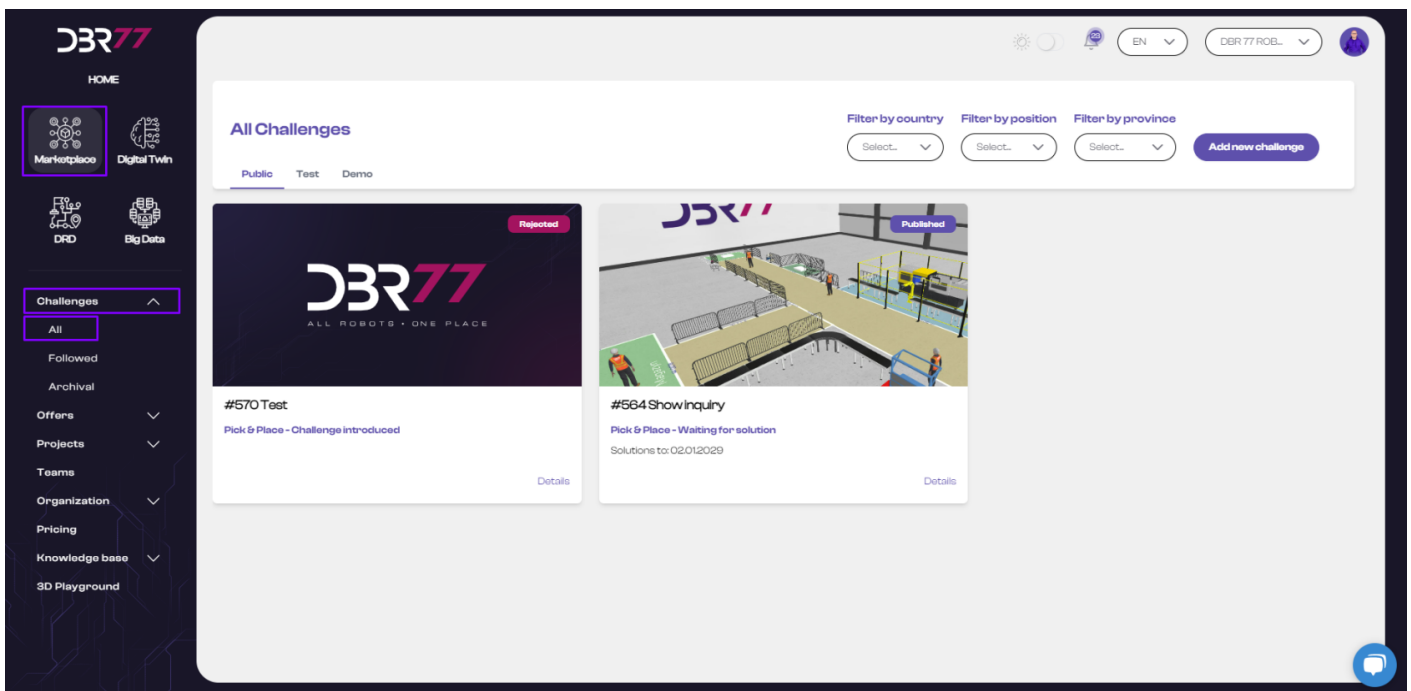


Editing the Challenge

Instructions for Viewing Challenge Details on the DBR77 Platform

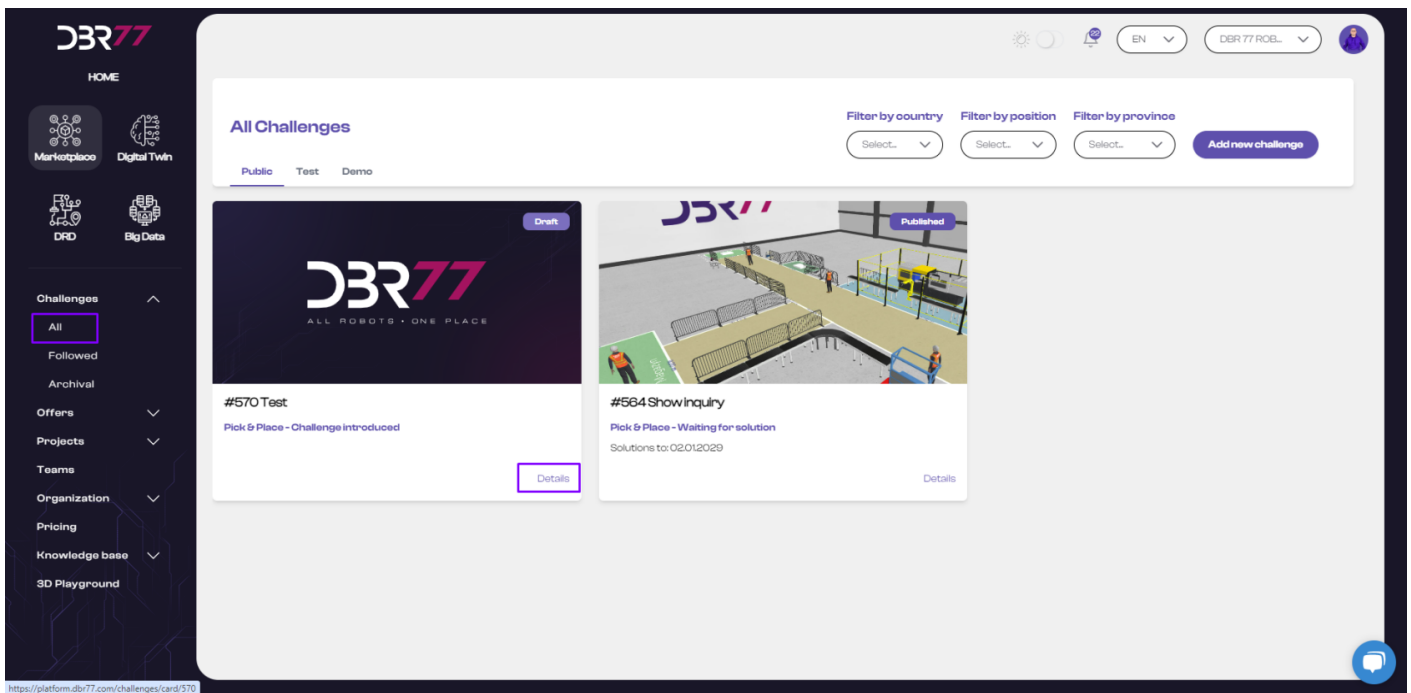
Navigate to the "Challenges" Tab

- **Select "Marketplace":** From the product menu on the DBR77 platform, select "Marketplace."
- **Access "Challenges":** Click on the "Challenges" tab and then select "All."



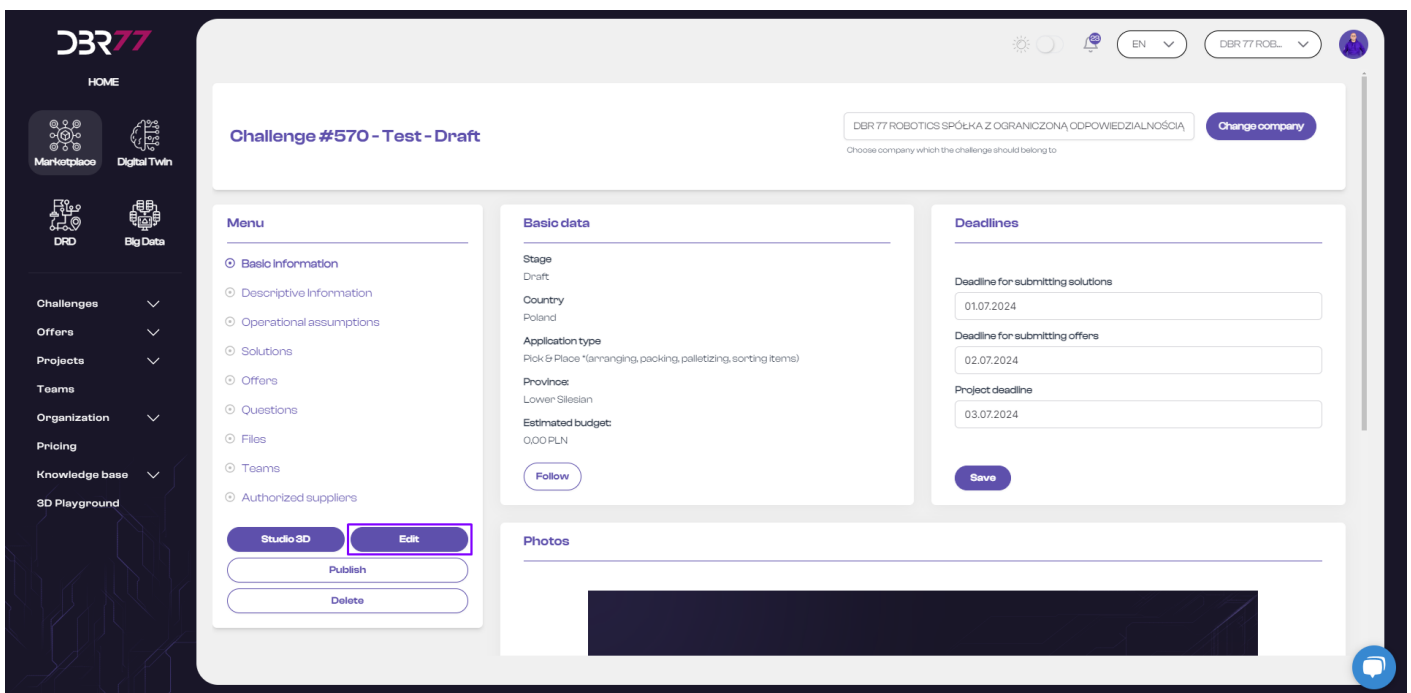
Access Challenge Details

- **Select Challenge Details:**
Locate the challenge you wish to view or edit. Published challenges are visible to all registered integrators on the platform or to a supplier list created by the investor.



Edit the Challenge

- **Click "Edit":**
Use the "Edit" button to update the challenge information.
- **Navigate the Challenge Form:**
Instructions for navigating the challenge form can be found here: [Add New Challenge](#).



Edit in 3D Studio

- **Before Publishing the Challenge:**

It is recommended to create a visualization of the area intended for automation and robotics. This allows integrators to suggest adjustments and represent the process post-implementation.

- To edit the visualization in 3D Studio, click the **"3D Studio"** button.

The screenshot shows the DBR77 interface for Challenge #570 - Test - Draft. The left sidebar contains a menu with 'Studio 3D' highlighted. The main content area has three sections: 'Basic data' (Stage: Draft, Country: Poland, Application type: Pick & Place, Province: Lower Silesian, Estimated budget: 0,00 PLN), 'Deadlines' (Deadline for submitting solutions: 01.07.2024, Deadline for submitting offers: 02.07.2024, Project deadline: 03.07.2024), and 'Photos'. The 'Studio 3D' button is highlighted with a red box.

Save Changes

- **After Editing:**

Ensure all changes are saved after editing.

The screenshot shows the DBR77 interface for the 'Basic information' section of Challenge #570. The progress bar at the top indicates four steps: 1. Basic information, 2. Detailed information, 3. Additional information, and 4. Operational assumptions. The 'Basic information' section is active, showing fields for Project subject/title, Country, Province, Currency, Estimated budget, Expectations, Solutions deadline, and Offers deadline. The 'Save' button is highlighted with a red box.

Note

- **Restrictions After Publishing:**

Once a challenge is published, only deadlines can be edited, and files can be added. All other changes must be made prior to publishing.

These instructions ensure **efficient management and editing** of challenge details on the DBR77 platform, promoting clarity and efficiency in collaboration and project execution processes.

Introduction to Challenges

Introduction to Challenges on the DBR77 Platform

Technological Challenges on DBR77

Technological challenges on the DBR77 platform are an integral part of its ecosystem, enabling industrial companies to report specific issues in the fields of automation and robotics. The platform acts as a bridge between companies and integrators, offering innovative solutions to meet these needs.

Goals of Technological Challenges

- **Needs Identification:**
Allows companies to define specific technological challenges they face in their production processes.
- **Collaboration with Integrators:**
Creates opportunities for integrators to propose solutions and introduce new technologies.
- **Process Optimization:**
Supports the modernization of existing systems and the adoption of advanced technologies to enhance efficiency and competitiveness.

Key Features

- **Reporting Challenges:**
Companies can report technological challenges requiring innovative solutions.
- **Solution Selection:**
Integrators can respond to reported challenges by submitting their proposals and offers.
- **Expert Support:**
DBR77 experts can provide advice on selecting the most efficient technological solutions.

Benefits of Using Challenges

- **Access to Specialized Solutions:**

Enables finding and implementing the most suitable technological solutions.

- **Faster Implementation:**

Direct collaboration with integrators facilitates quicker adoption of new technologies.

- **Cost Reduction:**

Optimizing production processes can lead to significant savings.

Information on Registration Fees

- **Project Fee:**

The DBR77 platform charges 5% of the project value from the integrator after a contract for implementation is signed between the investor and the integrator.