FABBIM

USER GUIDE

USER GUIDE

User manual Fabbim

Getting started with the structural steelwork traceability platform.

Illustrated practical guide
English edition — 2026
Screenshots show the French interface.

SG STRUCTURAL MODELING

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CHAPTER 01

Signing in to Fabbim

Create and activate your account, then access the Fabbim platform.

To use Fabbim, access the platform from the official website. If you do not have an account yet, start by registering.

01 Open the Fabbim website

Open your browser and go to www.fabbim.com .

At the top right of the home page, you will find the buttons **Create an account** and **Sign in** .



Figure 1 — Fabbim home page: registration and sign-in options.

Already have an account? Click “Sign in” and enter your credentials. Otherwise, choose “Create an account”.

02 Create a user account

Click **Create an account** to open the Fabbim registration form.

Fill in the fields shown on screen:

1. **Name** — your username.
2. **Company name** — the name of your company.
3. **Email address** — the address you use to sign in.
4. **Password** — your account password.
5. **Confirm password** — enter it a second time.

Once you have entered your details, click **CREATE AN ACCOUNT** .

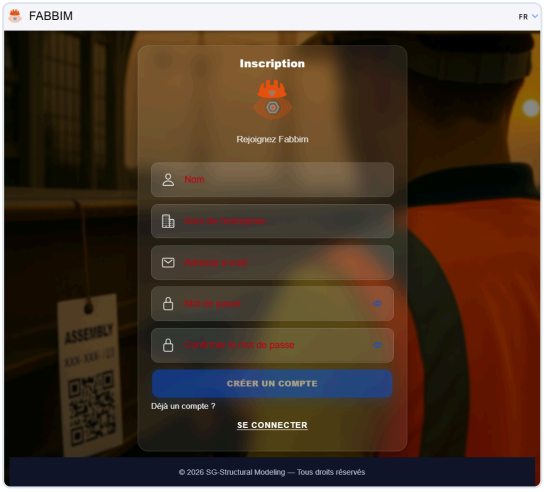


Figure 2 — Fabbim registration form.

03 Activate your account by email

After registration, Fabbim sends you an email with the subject **“Activate your account”** , from no-reply@fabbim.com.

1. Open your inbox.
2. Find the email sent by Fabbim.
3. Click the personal activation link in the message.
4. Once your account is activated, you can sign in to the platform.

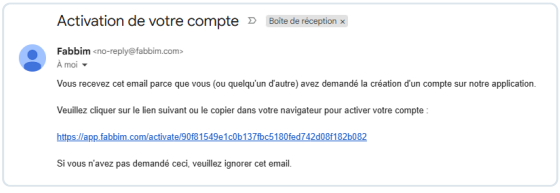


Figure 3 — Confirmation email sent after account creation.

> **Important:** if you do not receive the email, check your junk or spam folder. The activation link is personal.

04 Signing in to Fabbim

Once your account is activated, go to app.fabbim.com or click **Sign in** on the Fabbim website.

1. Enter your **email address** .
2. Enter your **password** .
3. You can select **Remember me** to stay signed in.
4. Click the button **SIGN IN** .

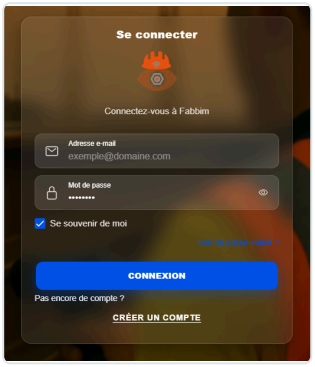


Figure 4 — Fabbim sign-in screen.

If you have forgotten your password, use the link **Forgot password?** to start the recovery process.

05 Reset a forgotten password

If you cannot remember your password, click the link **Forgot password?** on the sign-in screen.

1. Open the Fabbim sign-in screen.
2. Click **Forgot password?** .
3. Enter your **email address** .
4. Click **SEND LINK** .
5. Check your email to continue resetting your password.



Figure 5 — Requesting a password reset link.

> If you do not receive the reset message, check your spam or junk folder.

CHAPTER 02

Creating your first project

From project creation to IFC import and viewing the first assemblies.

To create a project in Fabbim, sign in with a **company administrator account** . Contact us to request a free trial for your first project.

> **First project:** from the Fabbim home screen, use “Create a project”, then import your IFC model to get started.

01 Start creating a project

Once signed in, the home screen welcomes you and displays a button **Create a project** .

1. Sign in to your Fabbim account.
2. On the home screen, click **Create a project** .



Figure 1 — Fabbim home screen after signing in.

02 Enter the project name and reference

Fabbim opens the first step of the creation wizard.

1. Enter the **new project name** .
2. Enter the **project reference** .
3. Click **Create my first project** .



Figure 2 — First step in creating a project.



Figure 3 — Example of project details before confirmation.

03 Choose an import method

The second step lets you choose how to add project elements to Fabbim.

1. Choose **IFC** .
2. Or use **Tekla plugin** or **XLS / CSV / PDF** .



Figure 4 — Selecting the import method.

04 Import an IFC file

In this example, the import uses an IFC file.

1. Select the option **IFC** .
2. Add your IFC file.
3. Click **Import and continue** .

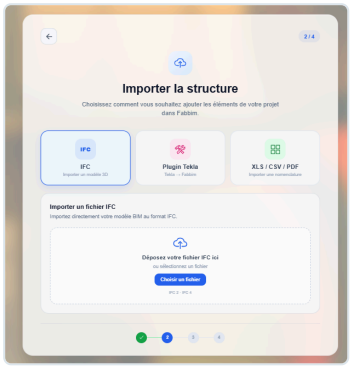


Figure 5 — IFC file added before import.



Figure 6 — Loading and analysing the IFC model.

05 Prepare labels and select parts

After analysis, Fabbim displays the references to include in the project.

1. Check the list of detected parts.
2. Select the references to include.
3. Click **Continue with selected parts** .

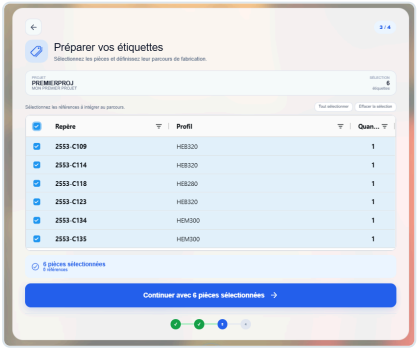


Figure 7 — Selecting parts to include in the project.

06 Define the fabrication route

You can then specify where the parts go after leaving the steel fabricator.

1. Choose the next destination on the route.
2. Add a new company if needed.
3. Confirm the fabrication route.

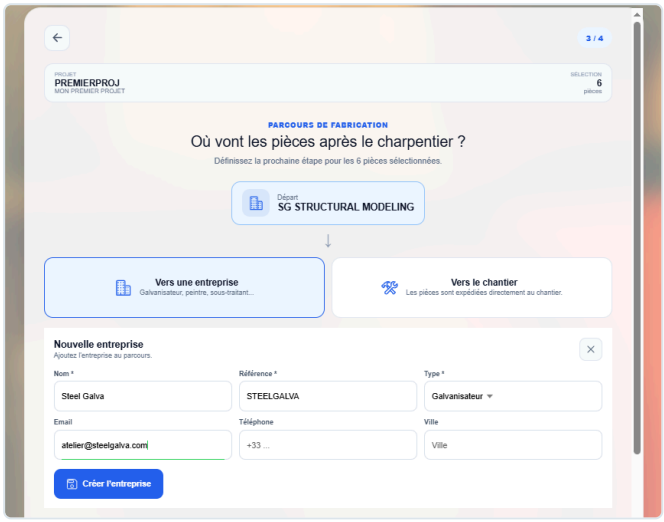


Figure 8 — Defining the fabrication route.

07 Project created: view the first assemblies

Once the project is created, the imported assemblies appear in the interface with the main available actions.

1. View the assembly list.
2. Check the imported data.
3. Use the buttons **Order labels** or **Start fabrication** .

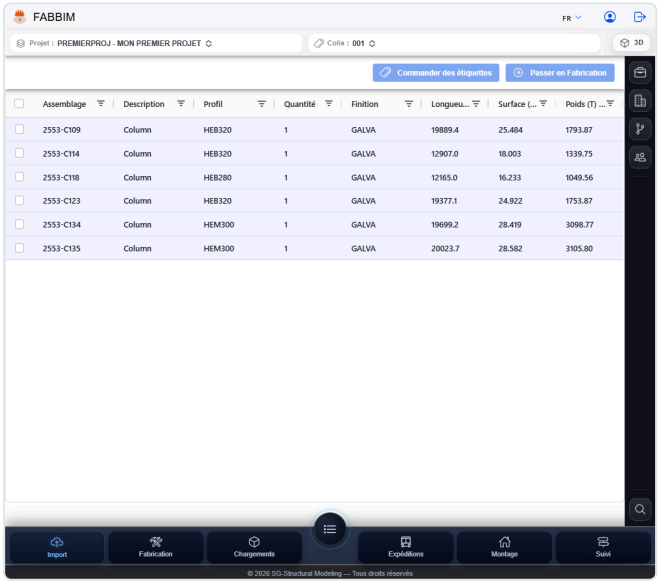


Figure 9 — Project created and assembly list available.

CHAPTER 03

Fabrication tracking

From the assembly table to updating each individual instance during fabrication.

Before you start. The project must contain imported assemblies. Select the project, then its package or zone. Available views and changes depend on your access rights.

01 Open fabrication tracking

View assembly progress for a project and package in a single view.

1. Select the **project** , then the **package / zone** using the selectors at the top of the screen.
2. Open the section **Fabrication** in the navigation bar.
3. Check the table: each row represents an assembly and includes its mark, workflow, section, quantity and weight.

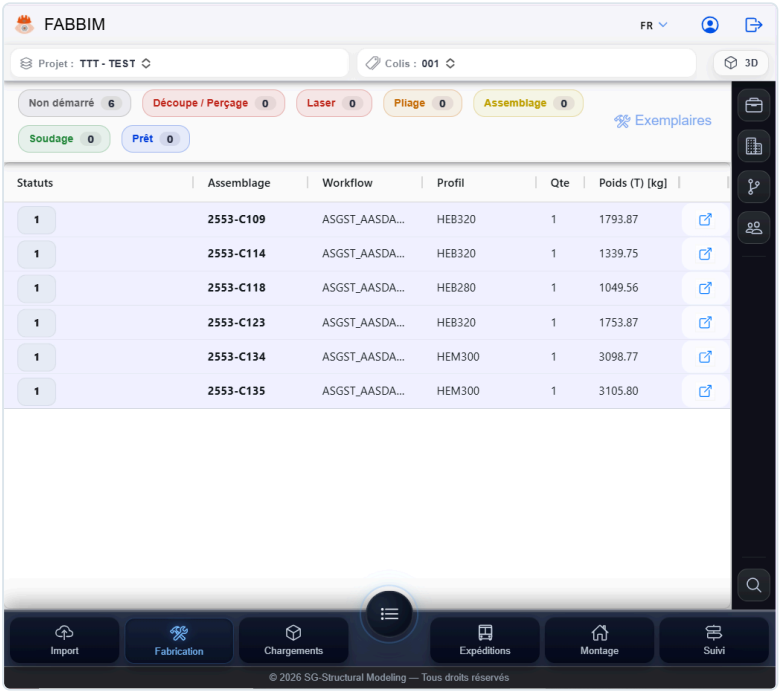


Figure 1 — Fabrication overview and status counters.

Good to know. The coloured badges show the different stages: Not started, Cutting / Drilling, Laser, Bending, Assembly, Welding and Ready. They help identify progress and quantities for the current scope.

02 Switch between the table and the 3D model

Work with a list, a 3D view or both views side by side or stacked, depending on the space available.

1. Activate the button **3D** at the top right to display the model.
2. Use the **central view selector** to switch between the table, model and combined view.
3. Zoom, pan and inspect elements in the 3D view. Return to the list to see all rows.

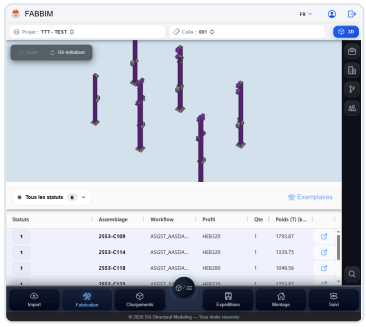


Figure 2 — Fabrication in combined view.

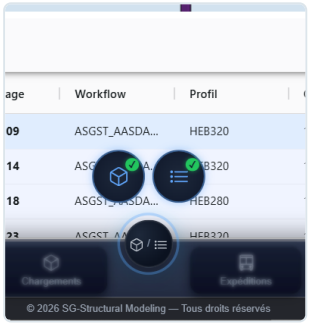


Figure 3 — Layout control.

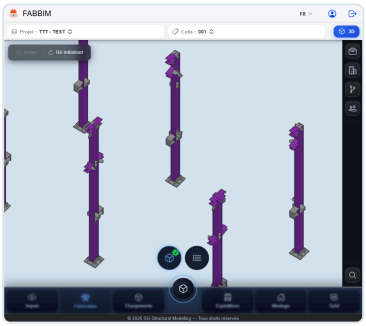


Figure 4 — Enlarged 3D view.

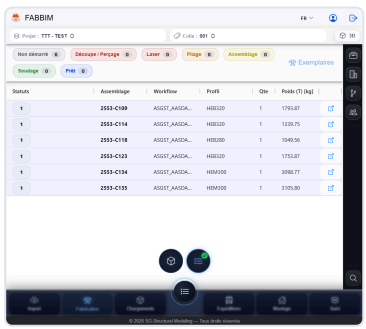


Figure 5 — Back to the table.

Tip. The combined view lets you visually match an assembly to its fabrication row without leaving the section.

03 View an assembly's details

Each assembly can be inspected individually before updating fabrication progress.

1. In the table, click the **open icon** at the far right of the relevant row.
2. The details show the mark, status, section, quantity, weights, general information and workflow.
3. Inspect the assembly in its **dedicated 3D view** . The lower bar may show the number of parts, weld length and weight.

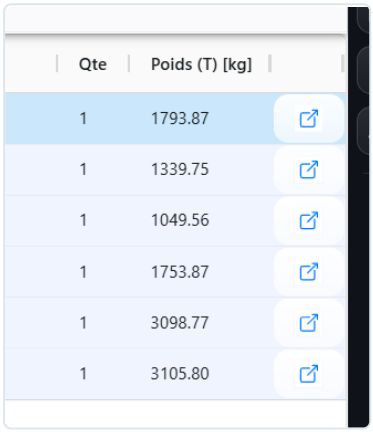


Figure 6 — The icon at the end of the row opens assembly details.

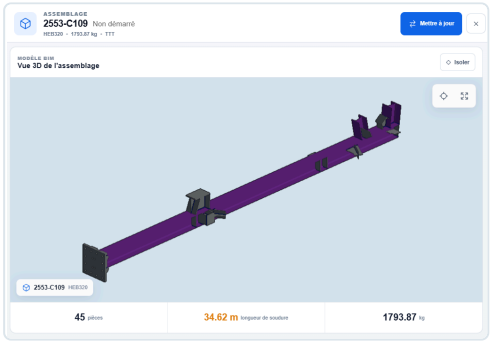


Figure 7 — The details page lets you inspect the assembly in 3D.

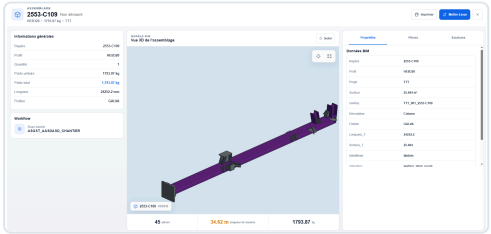


Figure 8 — General information on the left, 3D model in the centre and BIM data on the right.

Note. The figures in the screenshots are from a demonstration project. They vary with the imported model.

04 Inspect parts and welds

The detailed view provides more information about the elements that make up the assembly.

1. In the tab **Parts** , browse the elements and their properties.
2. Select a part: it is highlighted in the 3D model, making it easier to identify.
3. Open the tab **Welds** to display the welds recorded in the available data.
4. Choose a weld to inspect its location, connected parts and displayed properties.

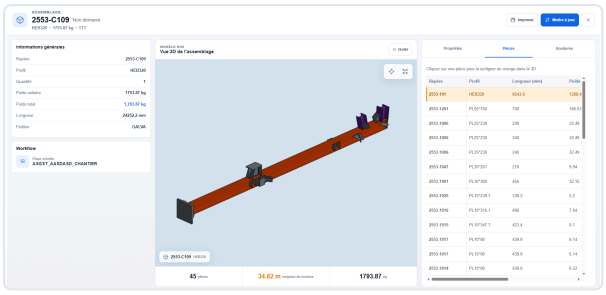


Figure 9 — A selected part is highlighted in the model.

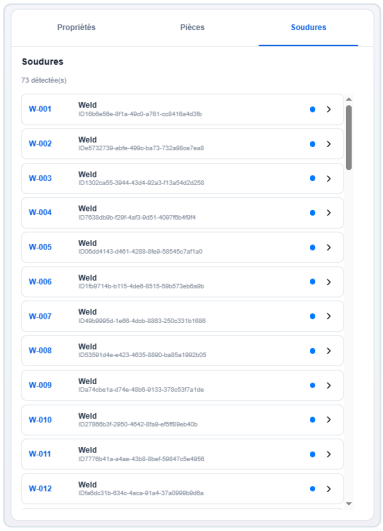


Figure 10 — Viewing welds.

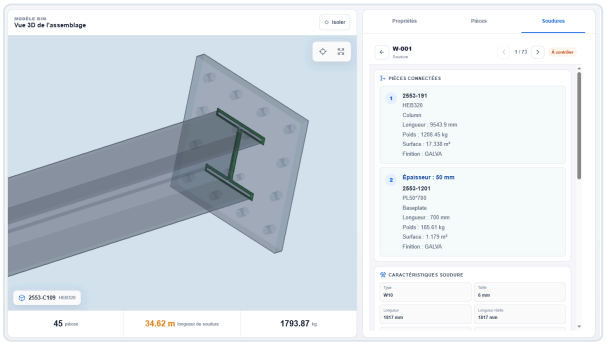


Figure 11 — Weld details.

> **Caution.** Weld and part information depends on the data actually present in the imported BIM model.

05 Print an identification label

Access the print command from the assembly details.

1. Click **Print** in the details header.
2. In the Zebra printing window, choose **Connect & Print** if a compatible printer is available.
3. You can also click **Download ZPL file** to download the printing instructions.
4. Check the connection status and the messages displayed in the window.

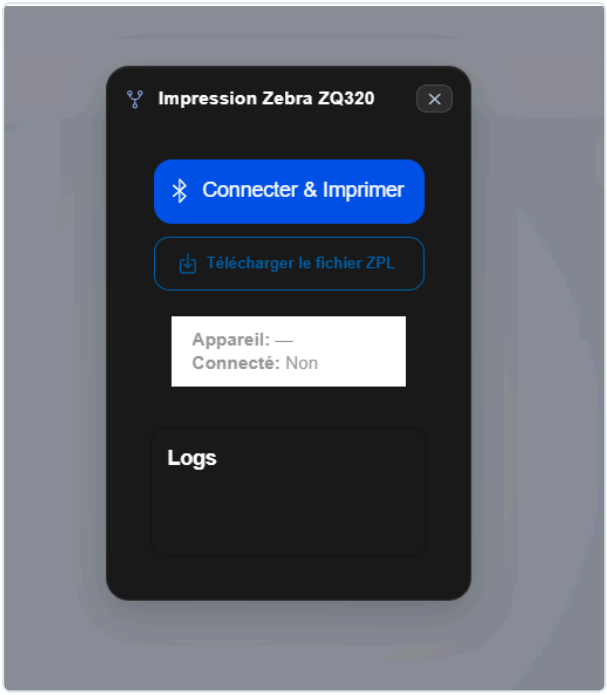


Figure 12 — Zebra printing window: connection, direct printing and ZPL file.

> **Check before printing.** The printer must be configured and accessible from the device in use. The screenshot shows a Zebra ZQ320.

06 Update an individual instance's progress

Fabbim lets you act on identified assembly instances without having to change every element with the same mark.

1. Open the assembly details, then click **Update** .
2. In the window **Instances to fabricate** , select the **stage** concerned, for example *Cutting / Drilling* .
3. Choose the **action** you want. The screenshot shows *Start stage* .
4. Enter the **quantity** to process, then select the **instances** concerned. The link *Select all* can be used if needed.
5. Check the summary in the confirmation button and confirm the operation.

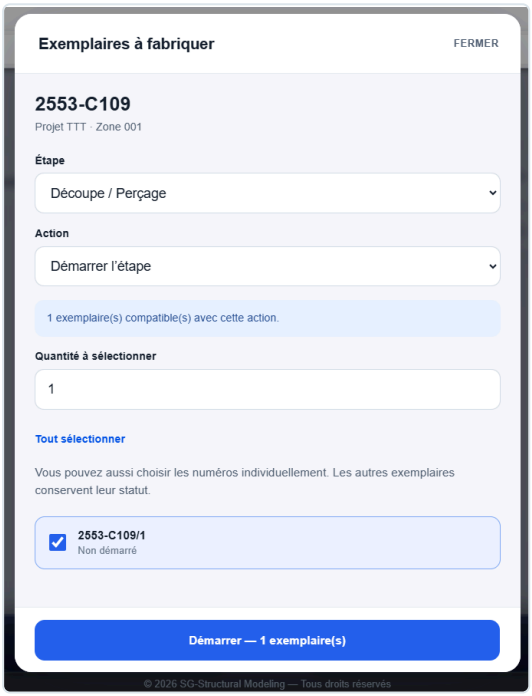


Figure 13 — Example: starting Cutting / Drilling for instance 2553-C109/1.

> **Important.** The compatibility message indicates how many instances can receive the selected action. Other instances keep their status. Check your selection before confirming.

07 Read fabrication counters and statuses

Updates appear in the list and in the counters associated with each stage.

1. Return to the Fabrication view after confirmation.
2. Check the **status badges** on the rows: their appearance shows the progress of individual instances.
3. Compare the **counters for each stage** to quickly identify the fabrication stages of the assemblies.

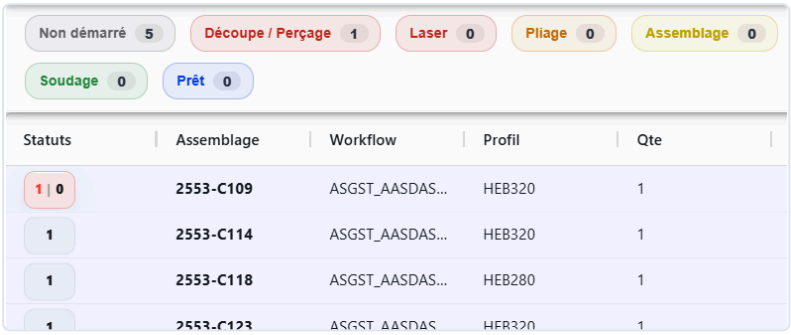


Figure 14 — Counters by status.

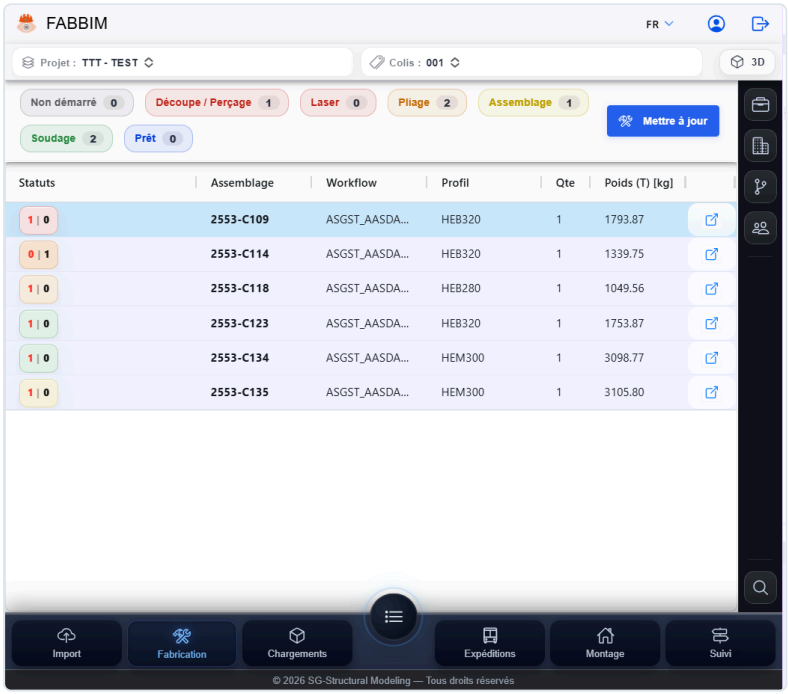


Figure 15 — View after updates.

> **Example.** The screenshots show assemblies at the Cutting / Drilling, Bending, Assembly and Welding stages. The values shown are not production targets.

08 Filter fabrication by status

Use filters to inspect a specific stage, both in the list and in the 3D view.

1. In the layout with the model, open the menu **All statuses** above the table.
2. Select the status to view, for example **Ready** .
3. The list and model focus on the elements matching the selected filter.
4. Use **Clear filter** to show all statuses again.

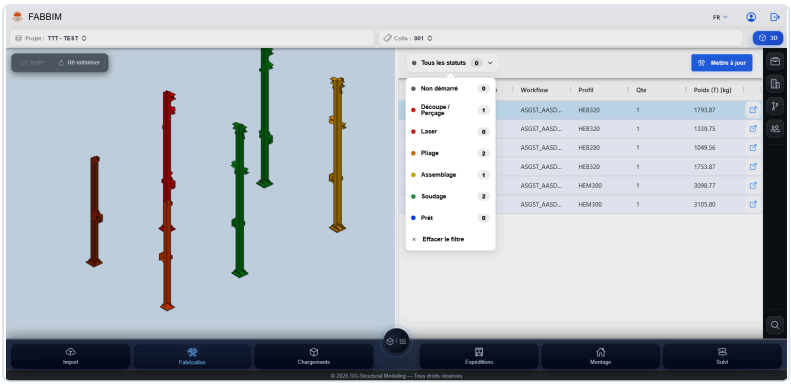


Figure 16 — The menu lists the stages and their associated counters.

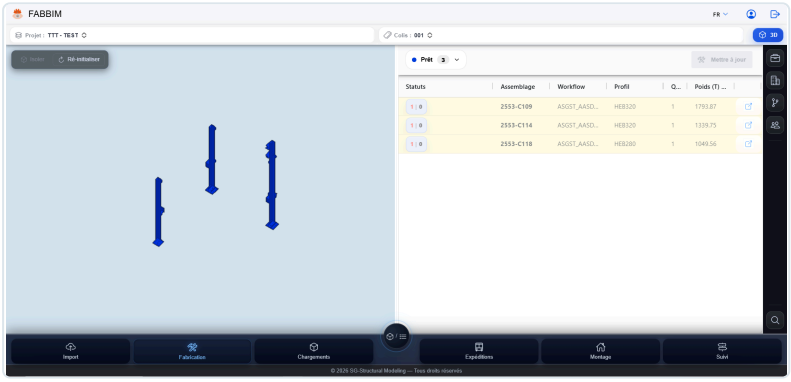


Figure 17 — View filtered to assemblies with Ready status.

> **Tip.** The filter is particularly useful before preparing loading and dispatch operations.

CHAPTER 04

Loading and dispatch

Prepare a package, load parts, dispatch the truck and find its delivery note.

Before you start. Select a project containing assemblies to dispatch. The logistics workflow must include the transfer between the companies concerned; available actions depend on your role.

01 Open deliveries and choose a package

Find the loads to prepare in the relevant project and logistics workflow.

1. Select the **project** at the top of the interface, then open the section **Loading / Deliveries**.
2. In **Fabricator loading**, find the route between companies. The example shows **SGSTR → GALVAPRO**.
3. Expand the route to display **package 001**, its total weight and the button **LOAD**.

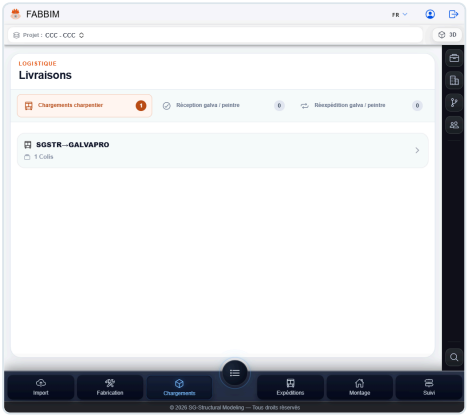


Figure 1 — Opening project deliveries and the workflow from SGSTR to GALVAPRO.

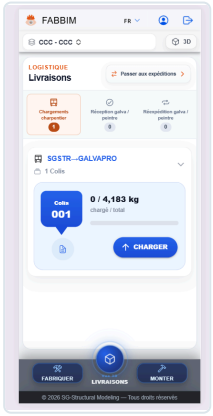


Figure 2 — Opening package 001 and the LOAD button.

Good to know. In this example, package 001 shows 0 kg loaded out of approximately 4,183 kg; values depend on your project.

02 View the dispatch list and parts to load

Check marks and quantities before starting to load.

1. View the **dispatch list** : it includes marks, sections, quantities, lengths, finishes and weights.
2. Open the package using **LOAD** to access the list **To load**.
3. Check the displayed marks and quantities, then prepare the corresponding parts.

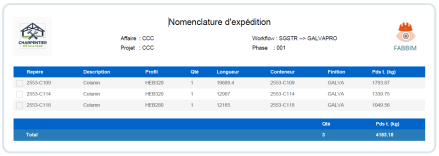


Figure 3 — Dispatch list for the three assemblies in the package.

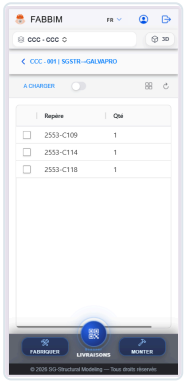


Figure 4 — List of assemblies to load and quantities.

> **Note.** The dispatch list screenshot shows the package preparation document, which is separate from the PDF delivery note sent when the truck departs.

03 View package assemblies in 3D

Visually check the elements included in the load.

1. From the list of parts to load, activate the button **3D**.
2. Inspect the assemblies shown in the model; the example displays three elements.
3. Return to the loading view to identify parts.

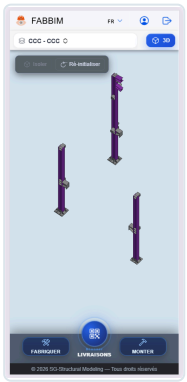


Figure 5 — 3D view of the package assemblies.

04 Load parts by scanning or manual confirmation

Record each loaded instance using its label, or use the procedure without scanning.

1. Open the **Deliveries scanner**, then place the **QR code** on the label inside the frame.
2. If you use **Load without scanning**, enter the **four-digit code** requested to confirm the operation for the displayed reference.
3. After a successful operation, check the green confirmation message and that the instance has been removed from the list **To load**.



Figure 6 — Scanning the part's QR code label.



Figure 7 — Loading without scanning, with four-digit code verification.

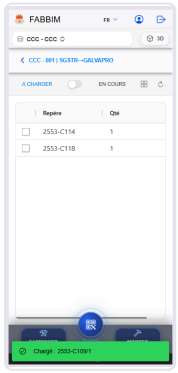


Figure 8 — Loading confirmation for instance 2553-C109/1.

> **Important.** The four-digit code is a confirmation step shown in the screenshot. It must not be confused with the part mark.

05 View parts being loaded

Find the parts already recorded before creating the truck.

1. Switch from **To load** to **In progress**.
2. Check the marks and quantities moved to the list of loaded parts.
3. When the load is ready, use the central action **Create truck**.



Figure 9 — The In progress tab shows the loaded part.

06 Name the truck and check its contents

Assign the loaded parts to a truck and prepare to confirm it.

1. In the window **Name the truck**, enter its identifier or registration number, then click **CONFIRM**.
2. Find the truck in the view **Loaded trucks**.
3. Open its details to view the package and associated marks. The button **Truck departed** is available to confirm departure.



Figure 10 — Entering the truck identifier, X9-123-RQ in this example.

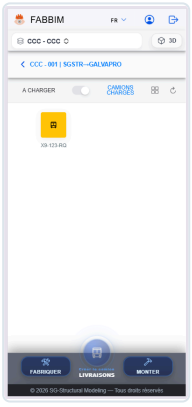


Figure 11 — The truck appears in the Loaded trucks list.

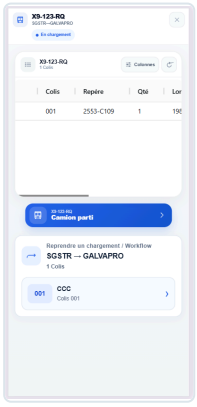


Figure 12 — Checking the truck contents and the Truck departed action.

> **Check before proceeding.** Check the truck identifier and contents before using “Truck departed”.

07 Confirm departure and receive the delivery note

Confirming departure triggers preparation of the delivery note and sends the document by email.

1. In the truck details, select **Truck departed**.
2. A message appears while **the delivery note is being prepared and the email sent**.
3. Check the email **Delivery note** from **no-reply@fabbim.com** and open or download the **attached PDF**.

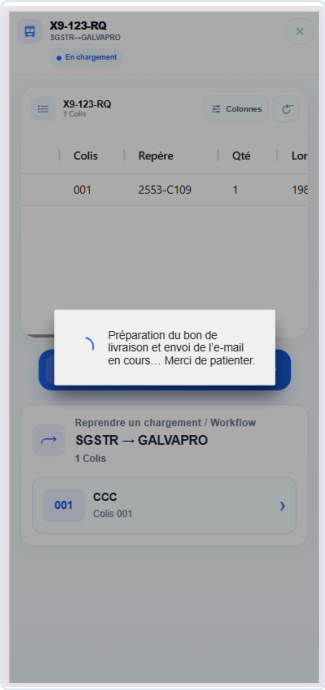


Figure 13 — Fabbim prepares the delivery note and its email.



Figure 14 — Delivery note email with attached PDF, received after departure is confirmed.

Illustrated example. The delivery note is received as a PDF email attachment. The document name includes the project reference, truck, route and date.

08 Track the truck in dispatches

After departure, find the truck in the In transit category.

1. Open the section **Dispatches** or use **Go to dispatches**.
2. Select the stage **In transit** to see trucks currently in transit.
3. Expand the relevant route to find the truck, its identifier and associated package.

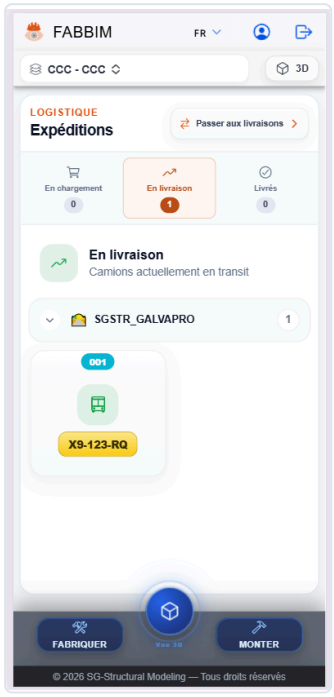


Figure 15 — The truck appears in Dispatches, under In transit.

> **Next in the process.** The screenshot shows the truck in transit; receipt operations are not detailed in this chapter.

CHAPTER 05

Receipt at the galvanizer and onward dispatch

From truck receipt to onward dispatch of parts to site.

Before you start. The project workflow must include the galvanizer and subsequent dispatch to site. The invited company must have the rights required for its operations.

01 Invite the galvanizer and define access rights

Give the receiving company access to the project, with a role suited to its operations.

1. In the project, open **Model sharing** then the action **Invite**.
2. Enter the**email address** of the user to invite.
3. Choose the role **Editor (can update by scanning)** and select the authorised company, here **GALVAPRO**.
4. Click **Send invitation**, then check that the user appears in the list with the status **Invitation**.

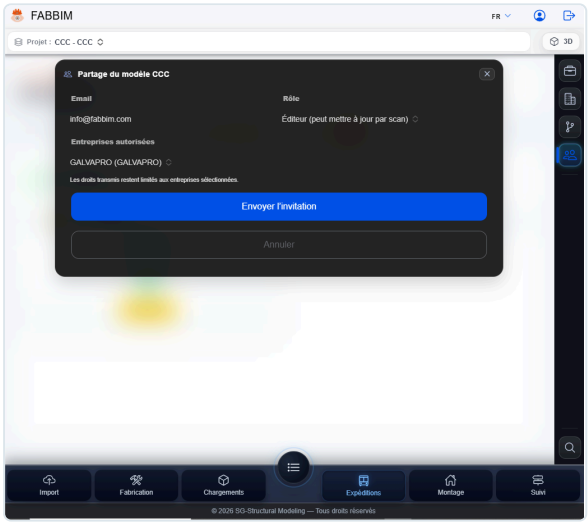


Figure 1 — Project sharing form: Editor role and authorised company GALVAPRO.

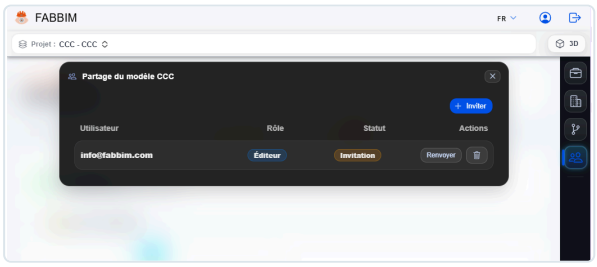


Figure 2 — Access list: invitation sent and awaiting acceptance.

Good to know. The invited user's permissions depend on the selected role and companies. Invitation status does not yet mean that the person has accepted access.

02 Activate the invitation and select the project

The recipient uses the personal link received by email to access the shared project.

1. Open the email **FABBIM invitation — project access** sent by Fabbim.
2. Click the **personal invitation link** then sign in to Fabbim, or create an account if needed.
3. On the home screen, select the **shared project** from the list.



Figure 3 — Example project invitation email, with the personal link hidden in the guide.

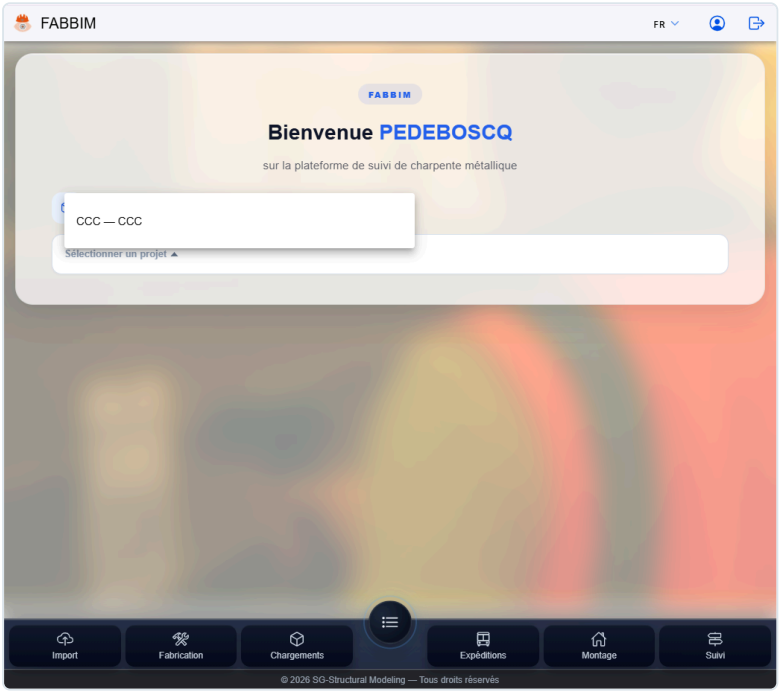


Figure 4 — Selecting project CCC in the invited user's account.

> **Security.** The invitation link is personal. Never publish its token in a screenshot or public document.

03 Confirm receipt of the truck at the galvanizer

Record the truck's arrival, then enter the galvanizing batch reference.

1. In **Dispatches**, open the relevant truck under **In transit**.
2. Check the parts list and click **Confirm receipt**.
3. In the dialog **Galvanizer batch reference**, enter the batch reference, then click **Confirm**.
4. Check that the truck then appears under **Delivered**.

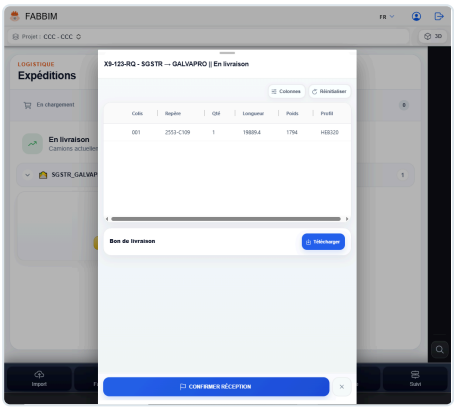


Figure 5 — SGSTR → GALVAPRO truck in transit, ready for receipt confirmation.

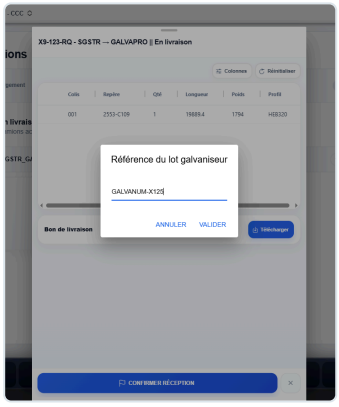


Figure 6 — Entering the galvanizer batch reference.

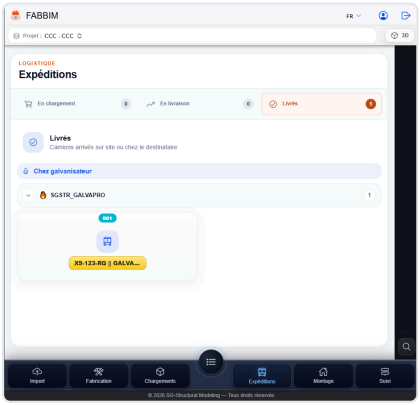


Figure 7 — The received truck is now listed under Delivered.

> **Important.** The batch reference must match the galvanizer's actual records. It will help locate the parts during subsequent operations.

04 Unload received parts

Confirm unloading of assemblies at the galvanizer by scanning or using the procedure without scanning.

1. Open the truck under **Delivered**, then click **Unload**.
2. In the list of marks, identify the parts to unload and select the relevant instances.
3. If needed, use **Unload without scanning** and enter the **four-digit confirmation code** requested.
4. Confirm and check the message indicating that the elements have been unloaded successfully.

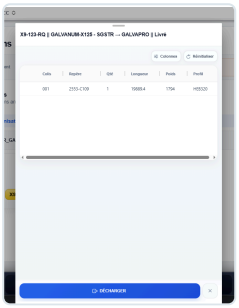


Figure 8 — Delivered truck details with the Unload action.

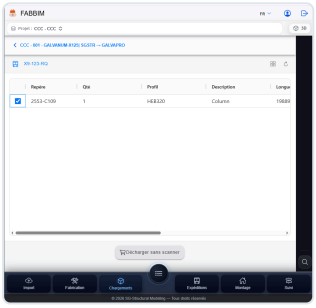


Figure 9 — Selecting a part and the Unload without scanning command.

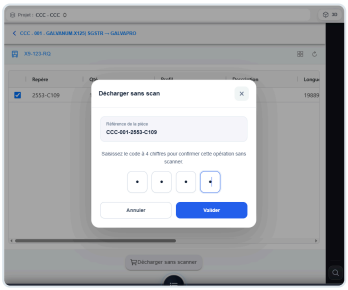


Figure 10 — Confirmation code for unloading without scanning.

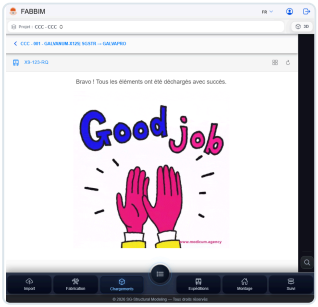


Figure 11 — Confirmation that unloading is complete.

Check before proceeding. Confirmation without scanning is an alternative to reading labels. Always check the mark and quantity before confirming.

05 Open onward dispatch after galvanizing

Find the received parts and prepare their departure to the next stage of the workflow.

1. Open the section **Loading / Deliveries**.
2. Select the tab **Galvanizer / painter onward dispatch**.
3. In the row for company **GALVAPRO**, find the package and its destination **To site**.
4. Click **Dispatch again** to open loading for galvanized parts.

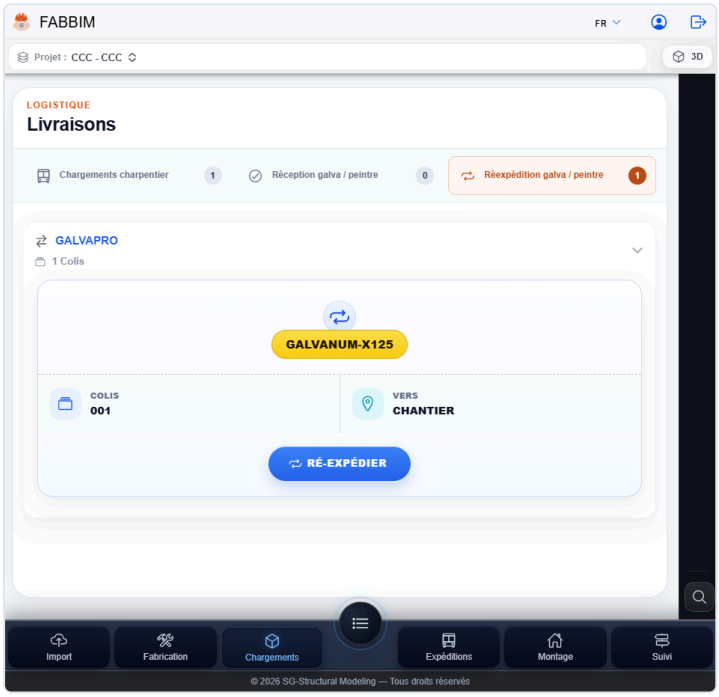


Figure 12 — Galvanizer / painter onward dispatch tab and To site destination.

Good to know. Available destinations depend on the transport route defined in the project workflow.

06 Reload galvanized parts

Select the parts ready to leave, then check the load contents.

1. In the list **Galvanized parts**, select the relevant assemblies.
2. Scan the labels or use **Reload without scanning** depending on the available actions.
3. Switch to **Loaded parts** to check the elements included.
4. Click **Truck complete** when loading is complete.

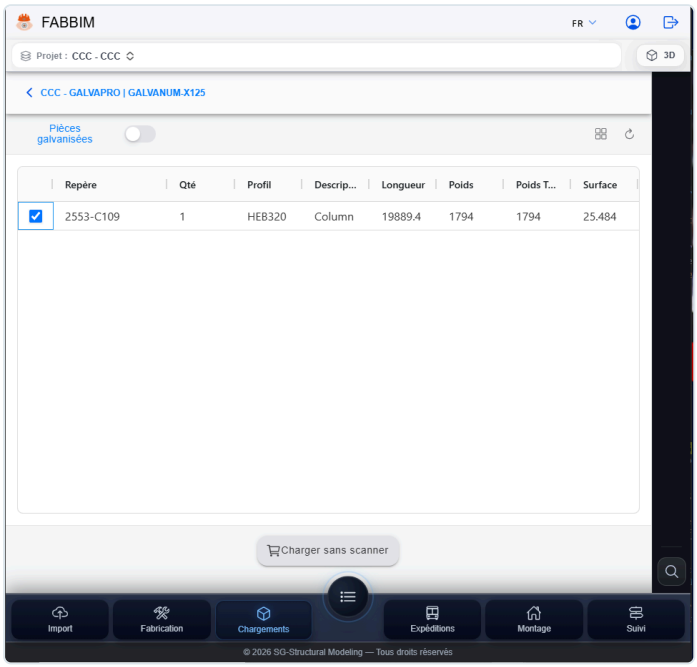


Figure 13 — Galvanized parts and Reload without scanning action.

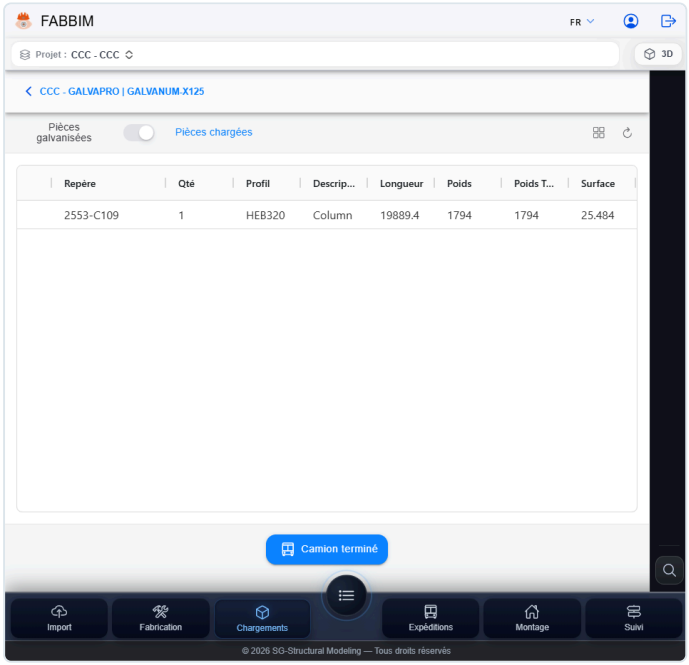


Figure 14 — Loaded parts with the Truck complete button.

Tip. Check marks and quantities in Loaded parts before completing the truck.

07 Name the onward dispatch truck

Create the truck that will carry the galvanized parts to site.

1. In the window **Name the truck**, enter its identifier or registration number.
2. Click **Confirm**.
3. Check that the new truck card appears in the list of loads after galvanizing.

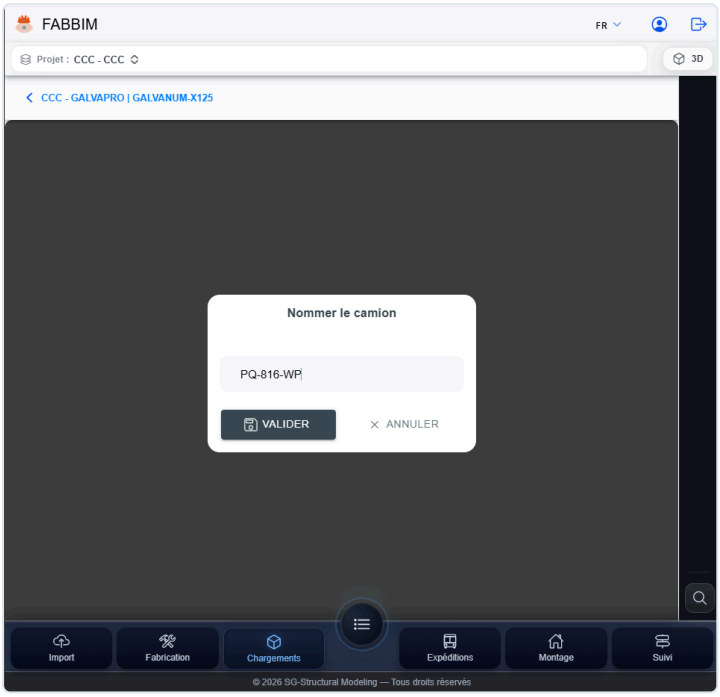


Figure 15 — Entering the onward dispatch truck identifier.

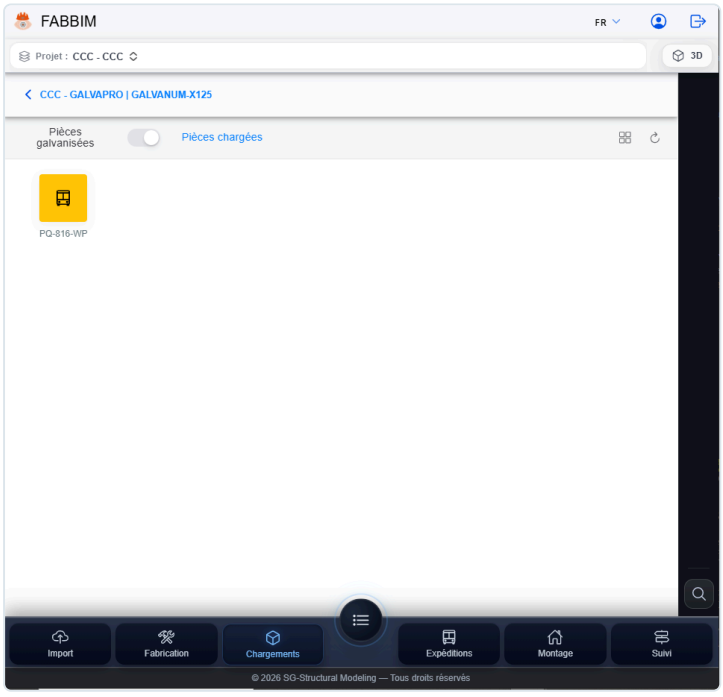


Figure 16 — Truck PQ-816-WP created in loads after galvanizing.

08 Confirm departure and prepare the delivery note

Confirm the truck's departure and let Fabbim prepare the dispatch document.

1. Open the created truck, then check the marks, quantities and load details.
2. Click **Truck departed** to confirm its departure.
3. The platform displays **Preparing delivery note and sending email** while processing.

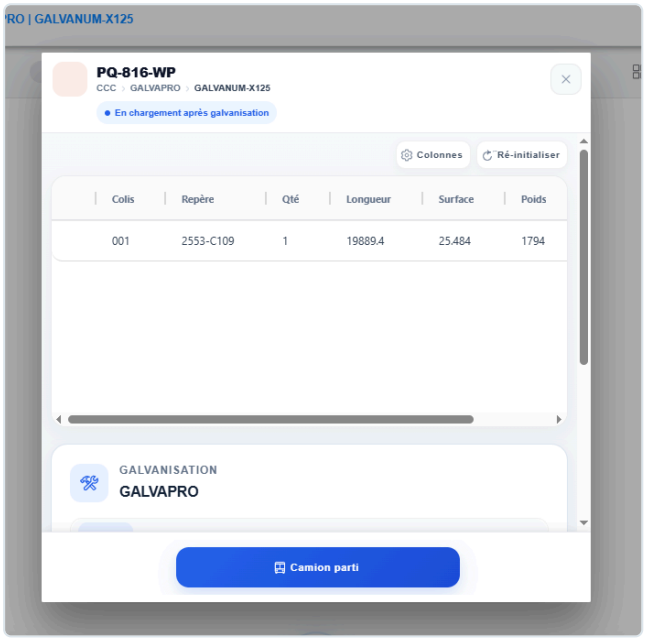


Figure 17 — Checking the loaded truck with the Truck departed action.



Figure 18 — Preparing the delivery note and email after departure confirmation.

Good to know. The screen shows document preparation and sending. Check the recipient's inbox; this screenshot alone does not confirm email delivery.

09 Track the truck in transit to site

Find the truck that left the galvanizer and view its logistics status.

1. Return to the section **Dispatches**.
2. Open the tab **In transit** to display trucks currently in transit.
3. Find the example truck under the route **GALVAPRO_CHANTIER** : it is ready for the next step of receipt on site.

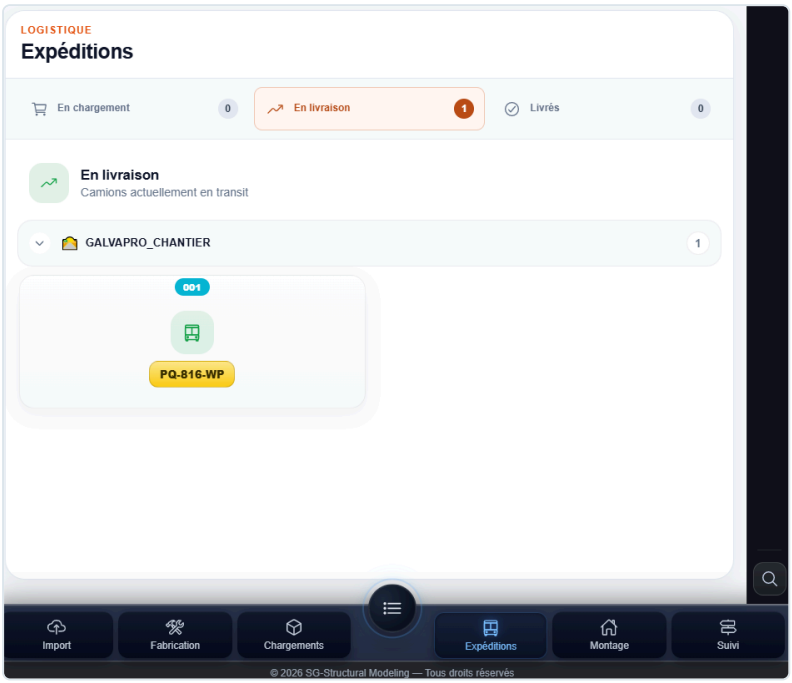


Figure 19 — Truck from GALVAPRO to site under In transit.

> **Next in the workflow.** Receipt on site is a separate operation, to be performed when the truck arrives at its destination.

CHAPTER 06

Site receipt, storage and erection

Receive trucks, assign parts to storage areas, record erection and track progress in the 3D BIM model.

Before you start. The project must contain the relevant assemblies and include the construction site in its logistics route. People working on site must have permissions appropriate to their roles.

01 Give the site team access to the project

Invite a user and define which companies' information they can view or update.

1. In the project, open **Model sharing**, then the invitation form.
2. Enter the**email address** and select the role **Editor (can update by scanning)** if the person needs to update tracking information.
3. In **Authorised companies**, select **SITE** and, where necessary, the other company on the route, such as **GALVAPRO**.
4. Use **Send invitation** or **Update** depending on whether you are adding a user or changing their access. Then check the user list and statuses.

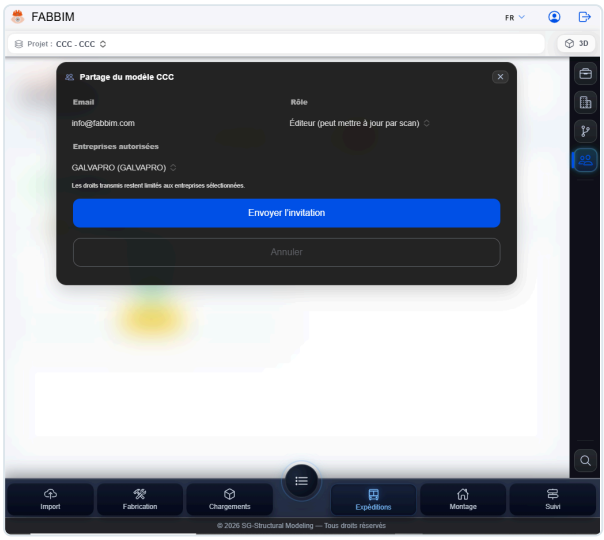


Figure 1 — Inviting an editor in project sharing.

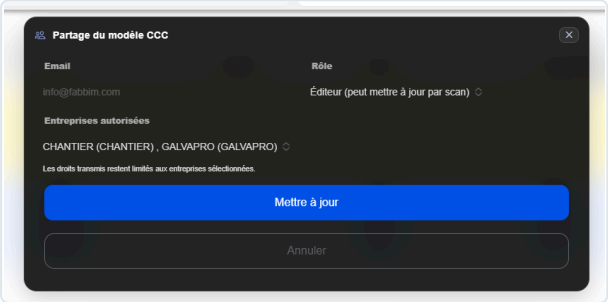


Figure 2 — Defining the authorised companies for this user.

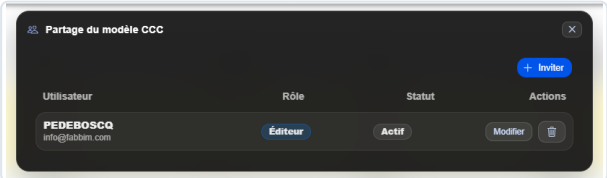


Figure 3 — Sharing list with role, status and Edit action.

> **Remember.** Rights are limited to the selected companies. The role and permissions must match the recipient's responsibilities.

02 Confirm truck receipt on site

When the truck arrives, check its contents and record its receipt in Fabbim.

1. Open the section **Dispatches** and the truck shown as **In transit** to the site.
2. Check transport information, the package, marks and quantities in the truck details.
3. You can use **Download** in the section **Delivery note** to download the PDF.
4. Click **Confirm receipt** once the truck has actually been received.

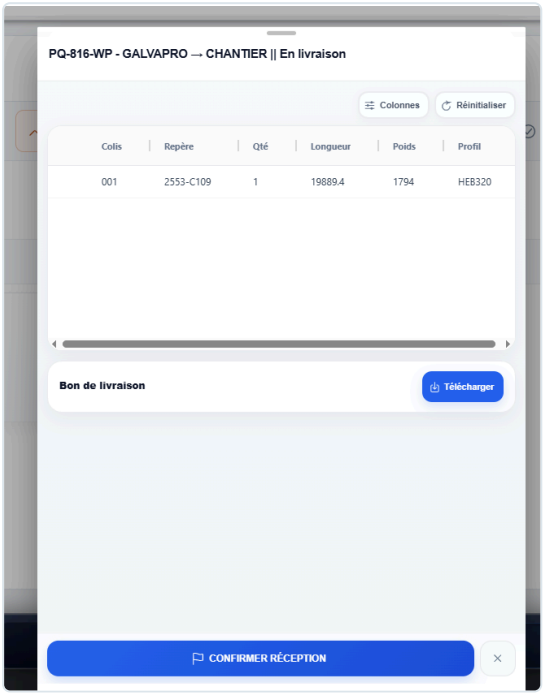


Figure 4 — Truck details and confirmation of receipt on site.

> **Important.** Confirming truck receipt does not replace recording the location of parts after unloading.

03 Find delivered trucks

Received trucks remain available in the logistics section.

1. In **Dispatches**, select the tab **Delivered**.
2. Find the truck under the destination **On site** and open its details.
3. Check the list of delivered elements. The details also provide the action **Erect** to continue site tracking.

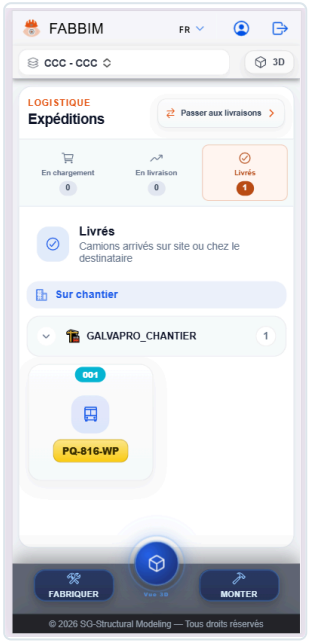


Figure 5 — Received truck in the Delivered tab.

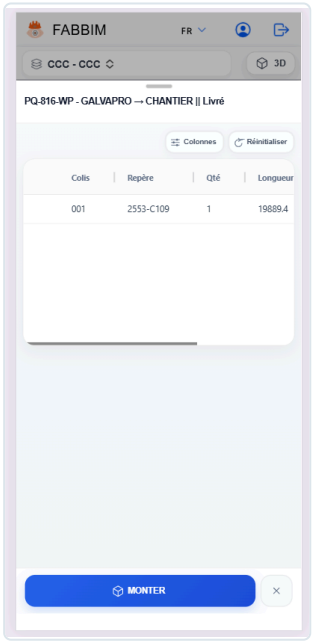


Figure 6 — Delivered truck details and access to erection tracking.

> **Good to know.** The truck is now listed among received deliveries: the next steps are to locate parts and record their erection.

04 Open the site erection table

The Erection module brings together the assemblies to process on site.

1. Click the section **Erection** in Fabbim's bottom navigation.
2. View the project's assembly list: mark, workflow, section, quantity and weight.
3. Find the controls **Erected** and **Storage areas** above the table.

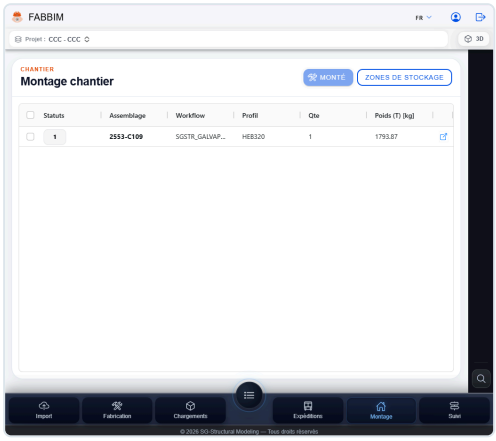


Figure 7 — Overview of the Site erection table.

> **Tip.** Check the selected project before changing assembly status or location.

05 Select assemblies to unload

Select the received parts before assigning them a location on site.

1. In the erection table, **select** the row for the assembly to unload.
2. Check the mark and quantity of the selection.
3. Click **Unload (1)** in the example shown: the number corresponds to the displayed selection.

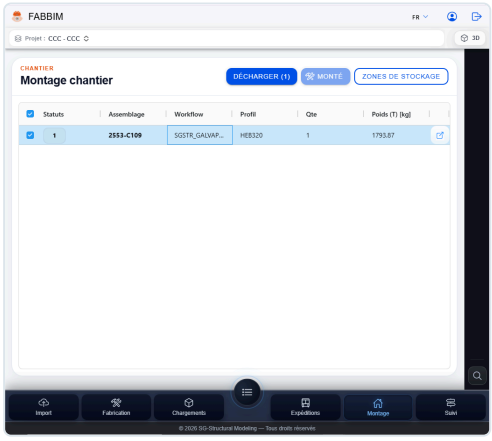


Figure 8 — Selected assembly and Unload action.

> **Check before proceeding.** The unloading command comes before assigning the part to a storage area.

06 Choose a storage area for unloading

Assign parts to their actual location so they can be found during erection.

1. In the window **Unload**, choose the **site** receiving the parts.
2. Select an area from the list **Available areas** if the required area already exists.
3. If the location does not exist yet, click **+ New area** to create it.
4. After choosing the area, use **Confirm** to record the operation.

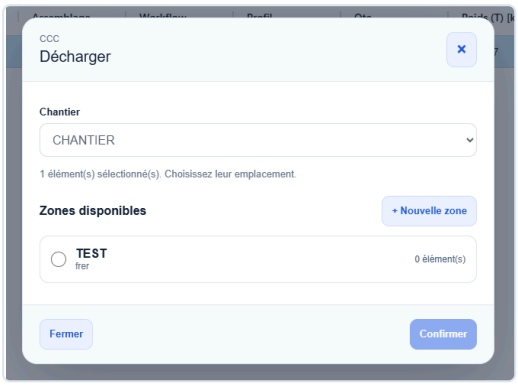


Figure 9 — Unloading window and list of available areas.

> **Good to know.** The storage area assigns a location to unloaded parts.

07 Create a new storage area

Name site locations to make parts easier to find.

1. Click **+ New area** from the unloading window.
2. Check the **site**, then enter the **area name**, for example **BUFFER AREA**.
3. You can add an **optional description** to specify its location, for example an area reference or chainage marker.
4. Click **Save**, then select the created area to complete unloading if needed.

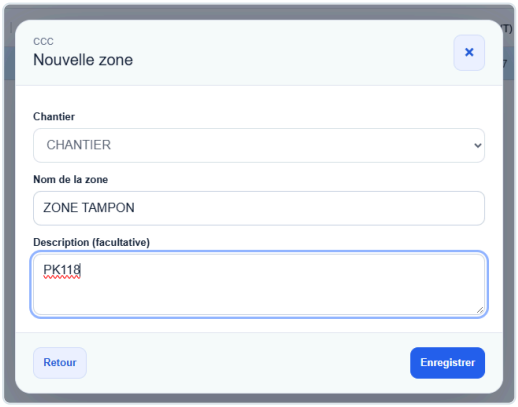


Figure 10 — Creating the BUFFER AREA storage location.

> **Tip.** Use short, consistent names for physical storage areas on site.

08 Check stored parts and parts awaiting erection

Site tracking displays the assigned area and part status after unloading.

1. Return to the tracking list for **Site erection**.
2. Check the column **Storage area** : the example shows **BUFFER AREA**.
3. Check the**status** of the element, shown as **To erect** until erection has been confirmed.

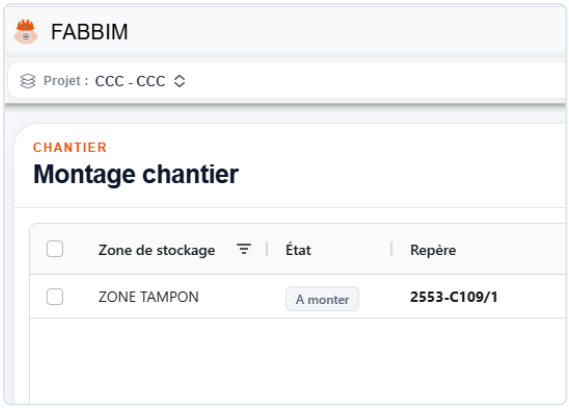


Figure 11 — Assembly located in BUFFER AREA with To erect status.

Remember. Storage location and erection progress are two different pieces of information.

09 Update the status after erection

Once the assembly has actually been installed, its progress can be recorded as Erected in Fabbim.

1. After the assembly has actually been installed, use the action **Erected** available in the module.
2. Check the relevant mark in the tracking list.
3. Check that the**status** has changed to ✓ **Erected** ; in the example, the storage area remains visible.

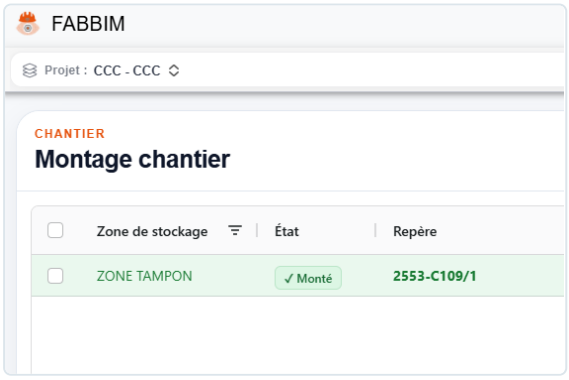


Figure 12 — The assembly is displayed with Erected status.

Important. Only record “Erected” once the corresponding operation has actually been completed on site.

10 View erection progress in the 3D BIM model

Visually check assemblies already erected and those still to install.

1. Activate the **3D view** from the Erection module.
2. Check the legend **To erect**, **Erected** and **Other project elements**.
3. In the example, the assembly whose erection has been recorded appears **in green** in both the model and the table.

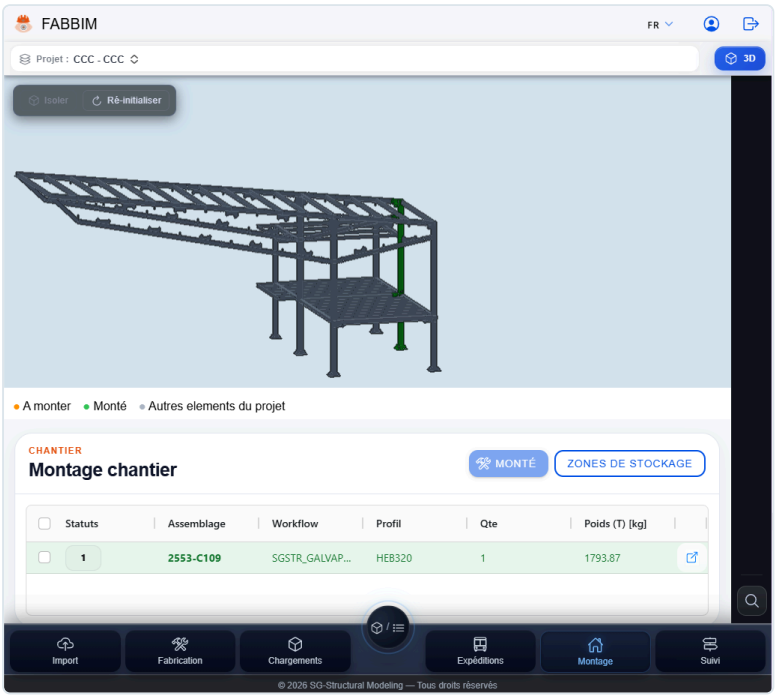


Figure 13 — Viewing erection progress in the 3D model.

> **Continue tracking.** Repeat the update for other assemblies to maintain an overall view of site progress.

CHAPTER 07

Overall tracking, BIM tools and project management

Read indicators, explore assemblies, prepare materials and configure companies and workflows.

Before you start. Select the project and, where needed, the relevant package. Available commands depend on your role and rights. The screenshots illustrate several Fabbim modules: Tracking, Import, and company and workflow management.

01 View overall fabrication and delivery tracking

Two charts summarise project tonnage by workshop progress and logistics stage.

1. Open the section **Tracking** for the selected project.
2. View the chart **Fabrication progress**, which breaks down tonnage by production status.
3. View the chart **Delivery progress**, which shows tonnage distribution by logistics stage.
4. Read the values in **kg** and the total shown at the centre of each chart to compare the two views.

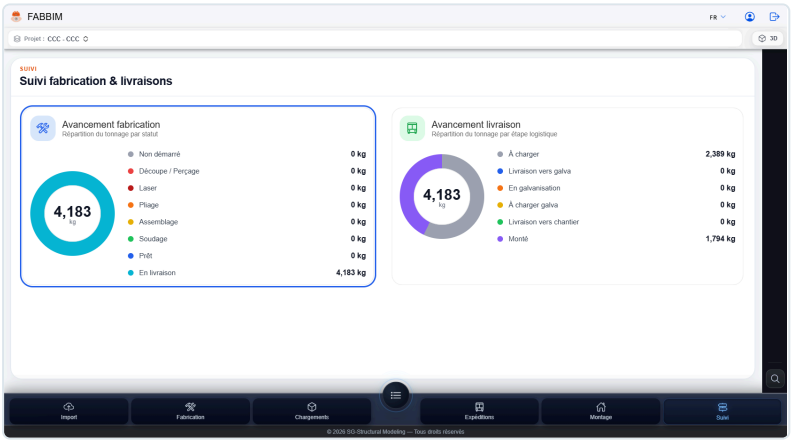


Figure 1 — Overview of fabrication and delivery indicators.

Remember. The two charts answer different questions: how fabrication is progressing and where parts are along the logistics route.

02 Display indicators alongside the 3D BIM model

Combine tracking indicators with the 3D representation of project assemblies.

1. Activate the view **3D** then choose a layout that keeps tracking visible.
2. View the structure in the model and the two tracking charts in the adjacent panel.
3. Select the indicator **Delivery progress** : the screenshot shows an element highlighted in the model.
4. Use the model to visually locate elements associated with the displayed information.

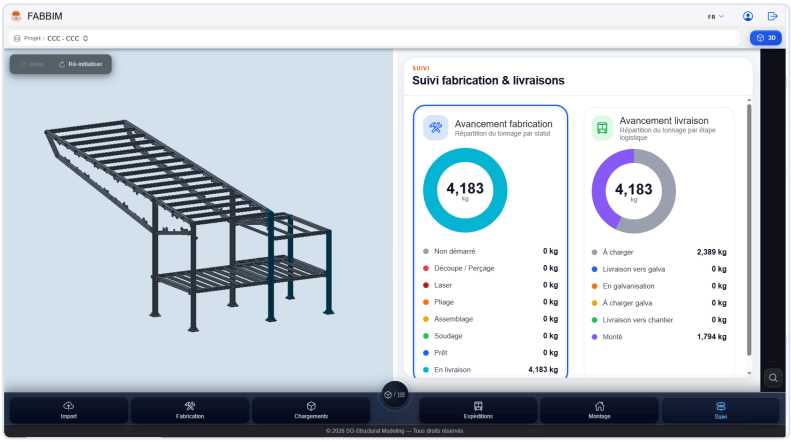


Figure 2 — Model and tracking dashboard displayed together.

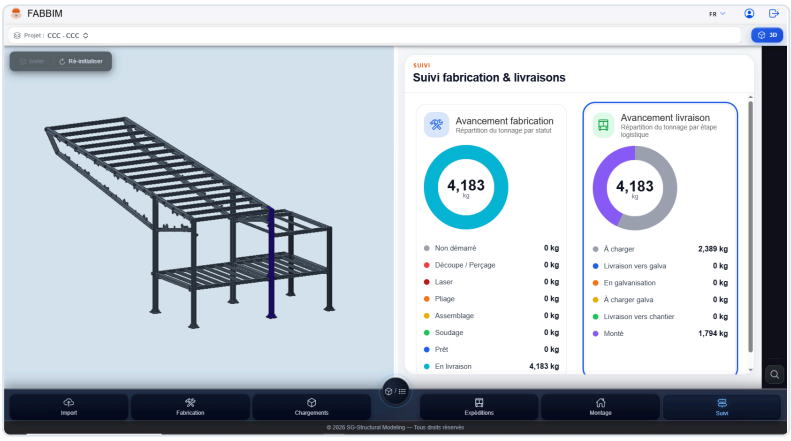


Figure 3 — Viewing logistics tracking in relation to the 3D model.

> **Tip.** This combined view makes the project easier to understand: distributions are shown as figures and elements are visible in their BIM context.

03 Filter and isolate assemblies in 3D

Narrow the list to a group of parts, then locate the selection in the model.

1. In the assembly table, open a column filter, for example **Section**.
2. Choose the displayed filter type and enter the value to find.
3. Select the corresponding rows in the assembly list.
4. Use the command **Isolate** to focus the 3D view on your selection, as shown in the screenshot.

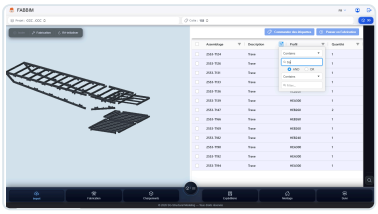


Figure 4 — Filtering assemblies by section.

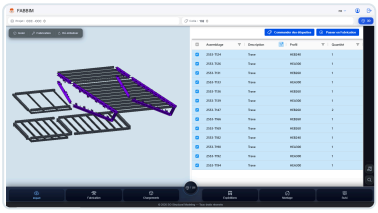


Figure 5 — Selected assemblies are identified in the 3D model.

Good to know. Filters and selection let you work on a subset of assemblies without changing project data.

04 View project material requirements

Display plate and section quantities calculated for the current selection.

1. After selecting the required elements, open the panel **Project material requirements**.
2. View the **total surface area** of plates and the **total length** of sections.
3. Browse the breakdowns **Surface areas by thickness** and **Lengths by type**.
4. If needed, adjust the displayed settings for **order allowance** and **bar length** before interpreting the results.

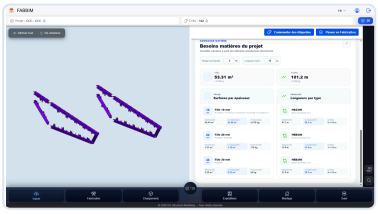


Figure 6 — Calculating material requirements for selected elements.

Caution. The screen states that quantities are calculated from the currently selected elements; check this selection before using them to prepare an order.

05 Import a package and an IFC model

Find the commands for importing a package and selecting an IFC file.

1. Open the window **Import a package**.
2. Check the **project** and the **package** selected; creation commands appear to the right of these fields.
3. In **Import an IFC model**, drag and drop the file or click **CHOOSE A FILE**.
4. When the file is ready, use **IMPORT MODEL** and follow the interface messages.

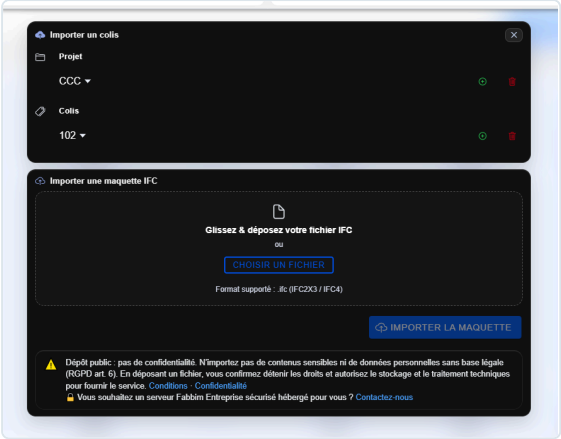


Figure 7 — Project, package and IFC file selection window.

> **Privacy.** The form shown includes a public upload warning. Check the applicable conditions before sending a model containing sensitive data.

06 View and manage project companies

Identify project participants by their roles in fabrication and logistics.

1. Open the window **Companies**.
2. View the registered companies and their categories: **Steel fabricator**, **Galvanizer** or **Site**.
3. Use **Edit** to display an existing company's settings, or **Create** to add an entry.
4. Check that all companies needed for logistics transfers appear in the list.

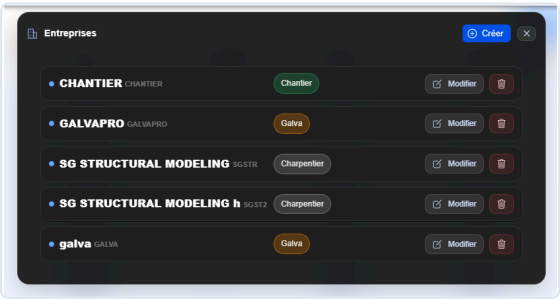


Figure 8 — Managing companies and their roles.

> **Tip.** Check companies and their roles before configuring a transport route between them.

07 Create or edit a workflow between companies

Define the sequence of companies involved in part transfers.

1. Open the window **Workflows** and select **Create** or **Edit**.
2. In **Edit a workflow**, inspect the list of stages and the companies **From** and **To**.
3. For each stage, select the departure and destination companies.
4. Use **Add a stage** when the route includes several transfers.
5. In the example, the route goes from **SGSTR** to **GALVAPRO**, then from **GALVAPRO** to **SITE**.

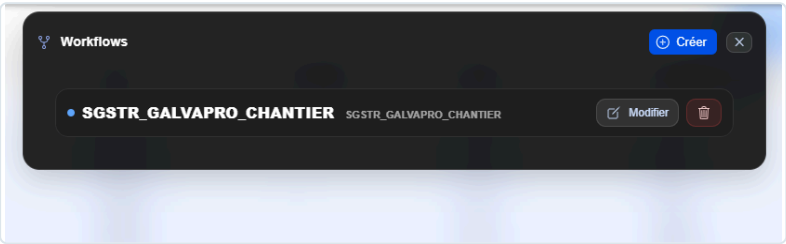


Figure 9 — List of workflows available for the project.

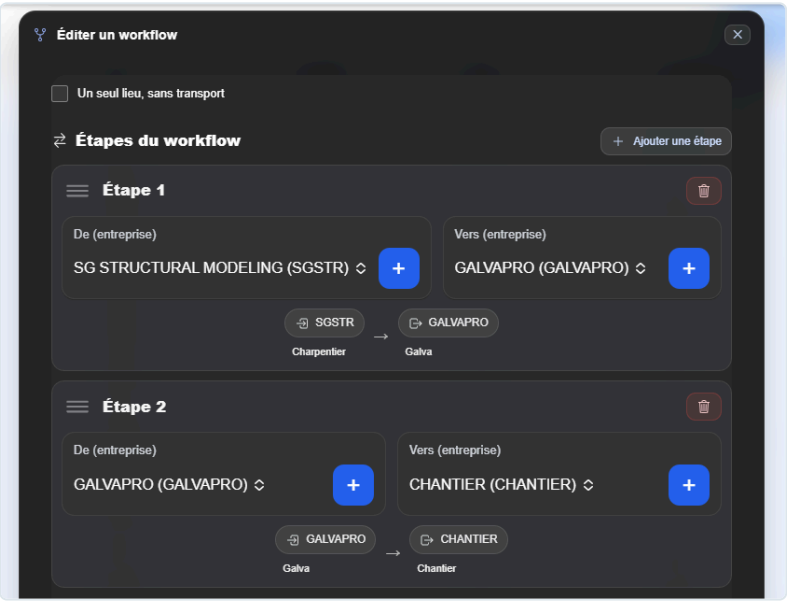


Figure 10 — Defining stages and successive companies.

> **Distinguish between the options.** The “Single location, no transport” option appears in the editor; enable it only if it actually matches the route concerned.

08 Define automatic logistics actions

Specify which operations must be included in the workflow at each stop.

1. In the route configuration, check the **stops** associated with the companies.
2. Assign the **logistics role** that applies: in the example, **Workshop**, **Treatment** and **Final site**.
3. Check the boxes **Loading**, **Unloading** and **Reloading** for each stop.
4. The screenshot shows **Loading** at the first stop, **Unloading** and **Reloading** at the second, then **Unloading** at the final site.
5. Confirm with **Update** once the actions have been checked.

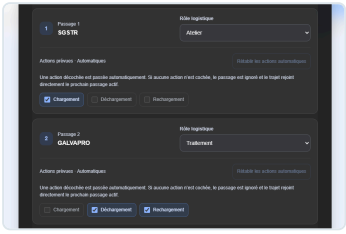


Figure 11 — Automatic actions at the Workshop and Treatment stops.



Figure 12 — Final site actions and saving the workflow.

> **Important.** The interface states that an unchecked action is skipped automatically; if all actions are unchecked, the stop is ignored and the route continues to the next active stop. Instances already assigned keep the route indicated on screen.

09 Search for a part by mark, section or reference

Quickly find an assembly and its main information in the project.

1. Open the window **Search for a part**.
2. Enter a **mark**, a **section** or a **reference** in the search field.
3. View the results: mark, section, quantity, status and associated information.
4. Select the required row to open the corresponding element when this action is available.

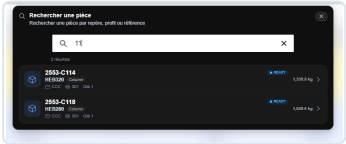


Figure 13 — Searching for a part by mark, section or reference.

> **Example.** The screenshot shows two results for a search for “11”. Values and statuses vary with project data.