

User guide

2022-02-03

How to add your company profile

Find your technology

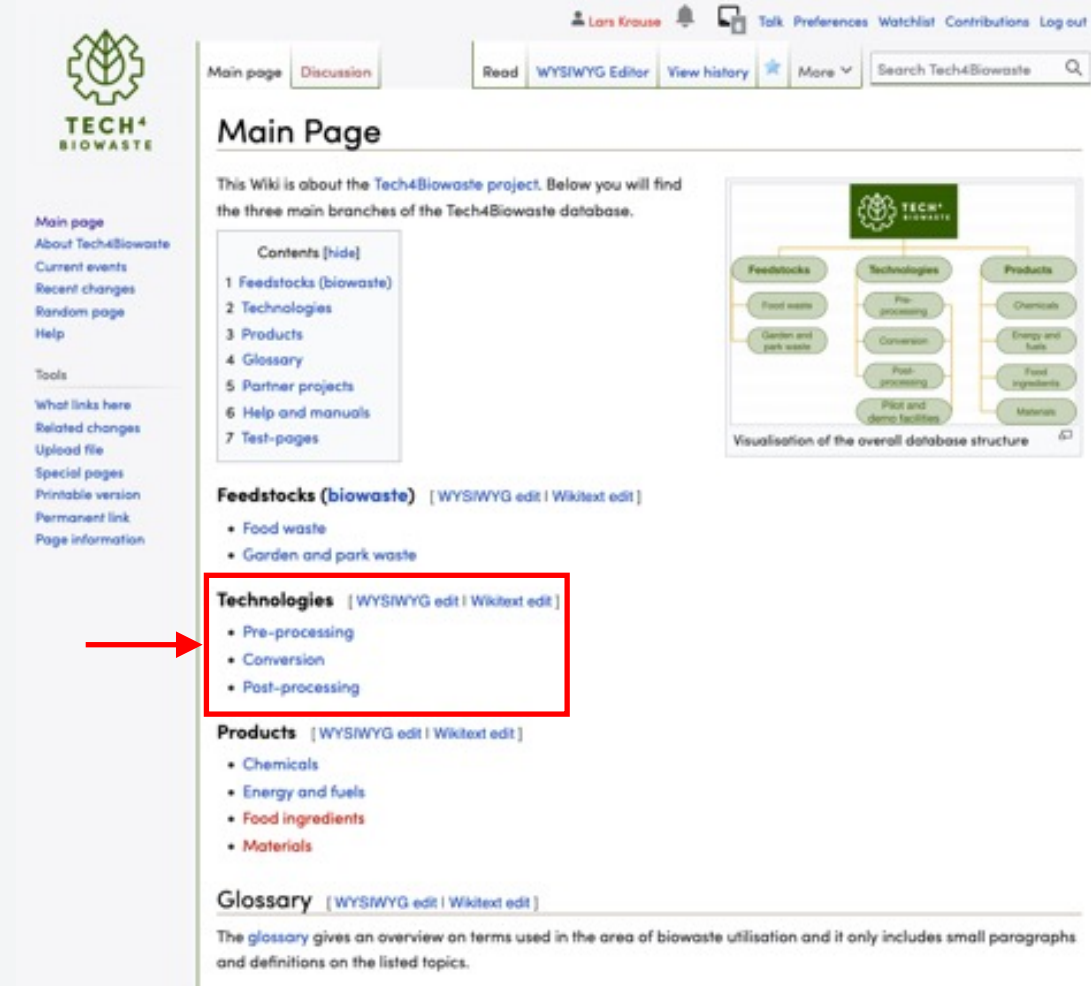
How to add your company profile

Find your Technology

From the **Main Page** you can find the three main categories for all available technologies. Select one category to obtain a list of available technologies.

Technologies

- Pre-processing
- Conversion
- Post-Processing



The screenshot shows the Tech4Biowaste Main Page. On the left is a sidebar with navigation links. The main content area has a 'Main Page' header and a description. Below this is a 'Contents' list. The 'Technologies' section is highlighted with a red box and a red arrow, showing a list of sub-categories: Pre-processing, Conversion, and Post-processing. To the right of the main content is a 'Visualisation of the overall database structure' diagram.

Main Page

This Wiki is about the Tech4Biowaste project. Below you will find the three main branches of the Tech4Biowaste database.

Contents [hide]

- 1 Feedstocks (biowaste)
- 2 Technologies
- 3 Products
- 4 Glossary
- 5 Partner projects
- 6 Help and manuals
- 7 Test-pages

Feedstocks (biowaste) [WYSIWYG edit | Wikitext edit]

- Food waste
- Garden and park waste

Technologies [WYSIWYG edit | Wikitext edit]

- Pre-processing
- Conversion
- Post-processing

Products [WYSIWYG edit | Wikitext edit]

- Chemicals
- Energy and fuels
- Food ingredients
- Materials

Glossary [WYSIWYG edit | Wikitext edit]

The glossary gives an overview on terms used in the area of biowaste utilisation and it only includes small paragraphs and definitions on the listed topics.

Visualisation of the overall database structure

```
graph TD
    Root[TECH4 BIOWASTE] --> Feedstocks[Feedstocks]
    Root --> Technologies[Technologies]
    Root --> Products[Products]
    Feedstocks --> FoodWaste[Food waste]
    Feedstocks --> GardenWaste[Garden and park waste]
    Technologies --> PreProcessing[Pre-processing]
    Technologies --> Conversion[Conversion]
    Technologies --> PostProcessing[Post-processing]
    PostProcessing --> Pilot[Pilot and demo facilities]
    Products --> Chemicals[Chemicals]
    Products --> Energy[Energy and fuels]
    Products --> FoodIngredients[Food ingredients]
    Products --> Materials[Materials]
```

How to add your company profile

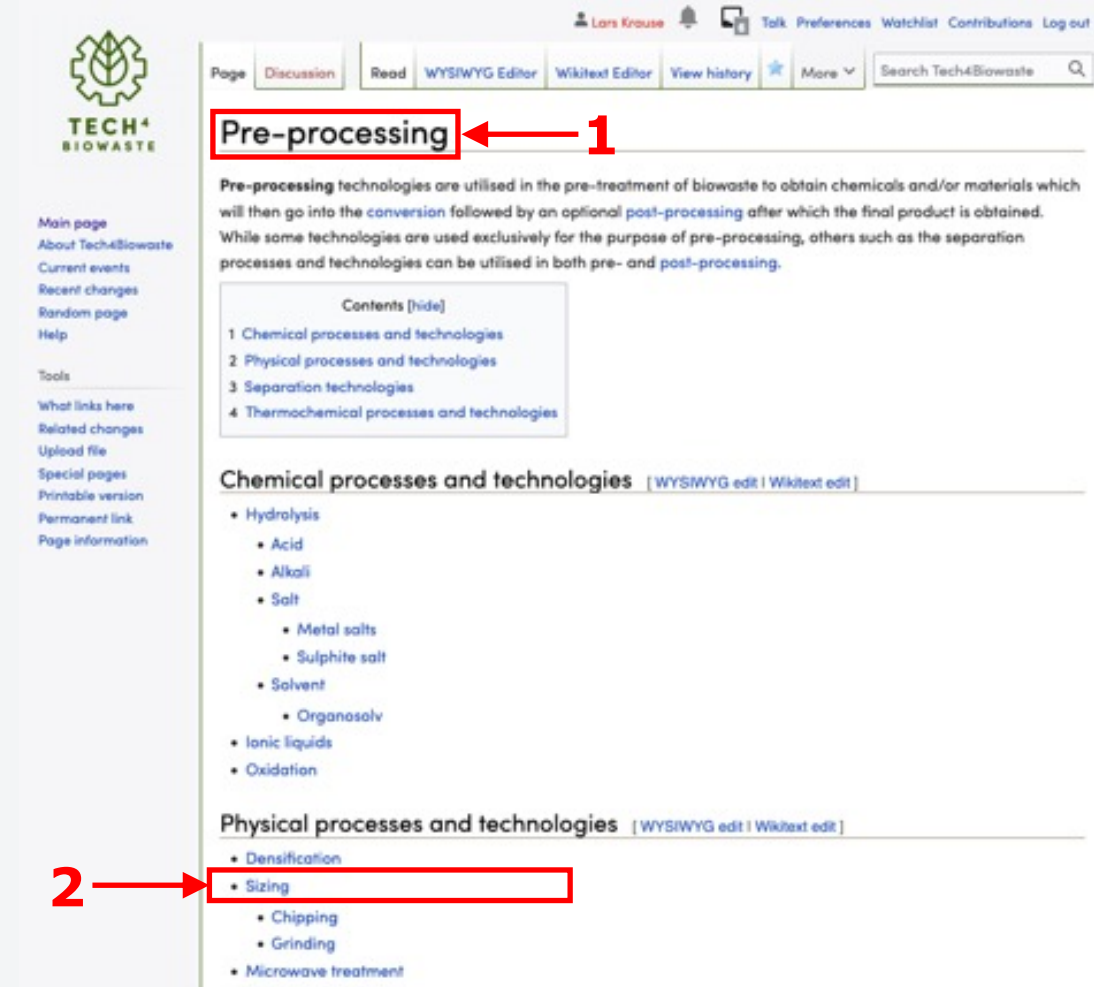
Find your Technology

Example: Pre-processing

Once you found the right **(1) category** (in this example Pre-processing) you will see a list of all available technologies alphabetically sorted and further categorised based on their basic working principles.

Example: Sizing

Once you found your **(2) technology** (in this example Sizing) you can directly click on it to be forwarded to the corresponding article.



The screenshot shows the Tech4Biowaste database interface. On the left is a sidebar with navigation links. The main content area displays the 'Pre-processing' category, which is highlighted with a red box and a red arrow labeled '1'. Below this, a list of technologies is shown, including 'Sizing', which is highlighted with a red box and a red arrow labeled '2'.

TECH⁴ BIOWASTE

Page **Discussion** Read WYSIWYG Editor Wikitext Editor View history More Search Tech4Biowaste

Pre-processing ← 1

Pre-processing technologies are utilised in the pre-treatment of biowaste to obtain chemicals and/or materials which will then go into the conversion followed by an optional post-processing after which the final product is obtained. While some technologies are used exclusively for the purpose of pre-processing, others such as the separation processes and technologies can be utilised in both pre- and post-processing.

Contents [hide]

- 1 Chemical processes and technologies
- 2 Physical processes and technologies
- 3 Separation technologies
- 4 Thermochemical processes and technologies

Chemical processes and technologies [WYSIWYG edit | Wikitext edit]

- Hydrolysis
 - Acid
 - Alkali
 - Salt
 - Metal salts
 - Sulphite salt
 - Solvent
 - Organosolv
- Ionic liquids
- Oxidation

Physical processes and technologies [WYSIWYG edit | Wikitext edit]

- **Sizing** ← 2
 - Chipping
 - Grinding
 - Microwave treatment

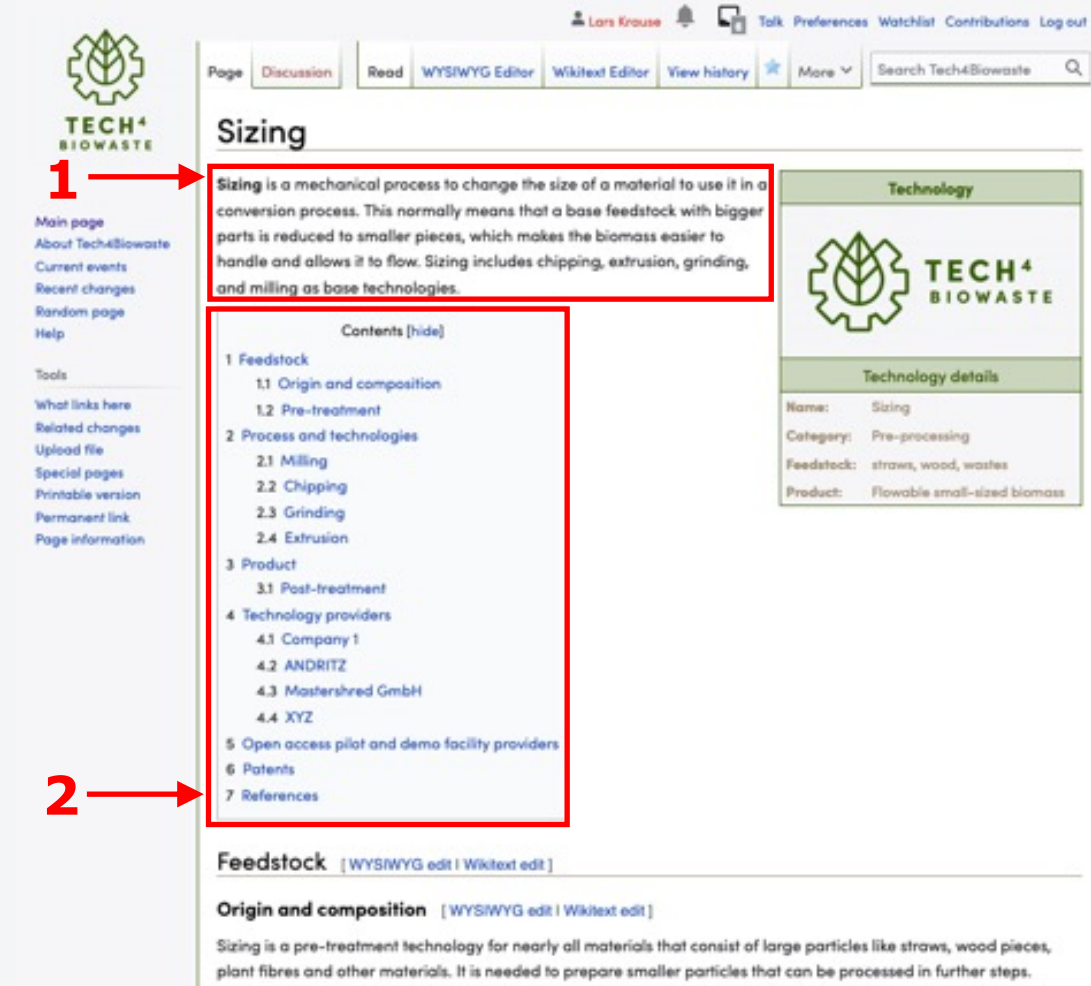
How to add your company profile

Find your Technology

Example: Sizing

Each technology article has the same basic structure starting with **(1) an short description** and **(2) a table of content**.


An [Example-page](#) within the wiki explains the article structure and content in more detail.



The screenshot displays the Tech4Biowaste wiki page for the 'Sizing' technology. The page layout includes a sidebar on the left with navigation links, a main content area, and a right sidebar with technology details. Red boxes and arrows highlight specific parts of the page:

- 1** (red arrow) points to the short description of the sizing process: "Sizing is a mechanical process to change the size of a material to use it in a conversion process. This normally means that a base feedstock with bigger parts is reduced to smaller pieces, which makes the biomass easier to handle and allows it to flow. Sizing includes chipping, extrusion, grinding, and milling as base technologies."
- 2** (red arrow) points to the table of contents, which lists the following sections:
 - 1 Feedstock
 - 1.1 Origin and composition
 - 1.2 Pre-treatment
 - 2 Process and technologies
 - 2.1 Milling
 - 2.2 Chipping
 - 2.3 Grinding
 - 2.4 Extrusion
 - 3 Product
 - 3.1 Post-treatment
 - 4 Technology providers
 - 4.1 Company 1
 - 4.2 ANDRITZ
 - 4.3 Mastershred GmbH
 - 4.4 XYZ
 - 5 Open access pilot and demo facility providers
 - 6 Patents
 - 7 References

The right sidebar contains the following details:

Technology	
	
Technology details	
Name:	Sizing
Category:	Pre-processing
Feedstock:	straws, wood, wastes
Product:	Flowable small-sized biomass

The main content area also includes a section for 'Feedstock' with a sub-section 'Origin and composition'.

How to add your company profile

Find sections relevant for your company profile

How to add your company profile

Find sections relevant for your company profile

From the table of contents you find the relevant article section for your company profile which is:

Chapter: **4 Technology providers**

This section can be directly accessed via the link from the table of contents.

Contents [hide]	
1	Feedstock
1.1	Origin and composition
1.2	Pre-treatment
2	Process and technologies
2.1	Category 1
2.2	Category 2
2.3	Reactions or physical principle
3	Product
3.1	Product 1
3.2	Product 2
3.3	Post-treatment
4	Technology providers
4.1	Company 1
5	Open access pilot and demo facility providers
6	Patents
7	References

How to add your company profile

Add your company profile

How to add your company profile

Add your company profile

Enter the visual edit-mode by clicking on the link

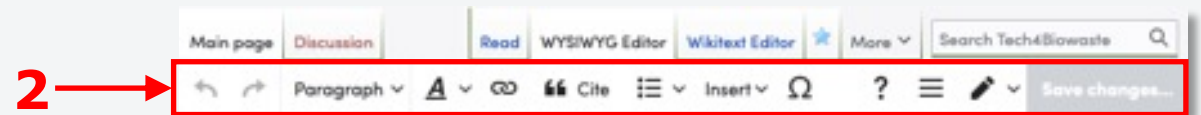
(1) “WYSIWYG edit” which you can find at the top of the section after the section-title “Technology providers”.

This will open the toolbox at the top frame of the wiki.



Toolbox

The **(2) toolbox** offers all important functions to visually edit and format the article.



How to add your company profile


Add your company profile

Locate the correct position for your profile

Technology providers are sorted in **alphabetical order**.
Find the position where you can implement
your company (needs to be in agreement with
the alphabetical order).


Alphabetical order

→ **Company 1** [WYSIWYG edit | Wktext edit]

[Technology name] provider			
General information			
Company:	[Company name]		
Country:	[Country HQ location]		
Contact:	[e-mail address]		
Webpage:	[URL]		
Technology and process details			
Technology name:	[*Brand name*]	Technology category:	[Specified technology sub-category from chapter process and technologies]
TRL:	[4-9]	Capacity:	[numeric value] kg h ⁻¹
Obligatory detail 1:	[Detail 1] [unit]	Obligatory detail 2:	[Detail 2] [unit]
Obligatory detail 3:	[Detail 3] [unit]	Other:	[Other information, free to choose]
Feedstock and product details			
Feedstock:	[more specified feedstocks, (if possible: link to feedstocks from biowaste, garden and park waste, and food waste)]		Product:
			[more specified products, (if possible: link to products)]

[Coherent text including the following set of information]

→ **Company 2** [WYSIWYG edit | Wktext edit]

[Technology name] provider			
General information			
Company:	[Company name]		
Country:	[Country HQ location]		
Contact:	[e-mail address]		
Webpage:	[URL]		
Technology and process details			
Technology name:	[*Brand name*]	Technology category:	[Specified technology sub-category from chapter process and technologies]
TRL:	[4-9]	Capacity:	[numeric value] kg h ⁻¹
Obligatory detail 1:	[Detail 1] [unit]	Obligatory detail 2:	[Detail 2] [unit]
Obligatory detail 3:	[Detail 3] [unit]	Other:	[Other information, free to choose]
Feedstock and product details			
Feedstock:	[more specified feedstocks, (if possible: link to feedstocks from biowaste, garden and park waste, and food waste)]		Product:
			[more specified products, (if possible: link to products)]

[Coherent text including the following set of information]

How to add your company profile

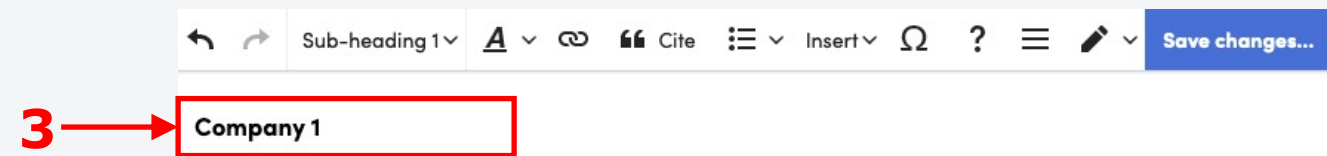
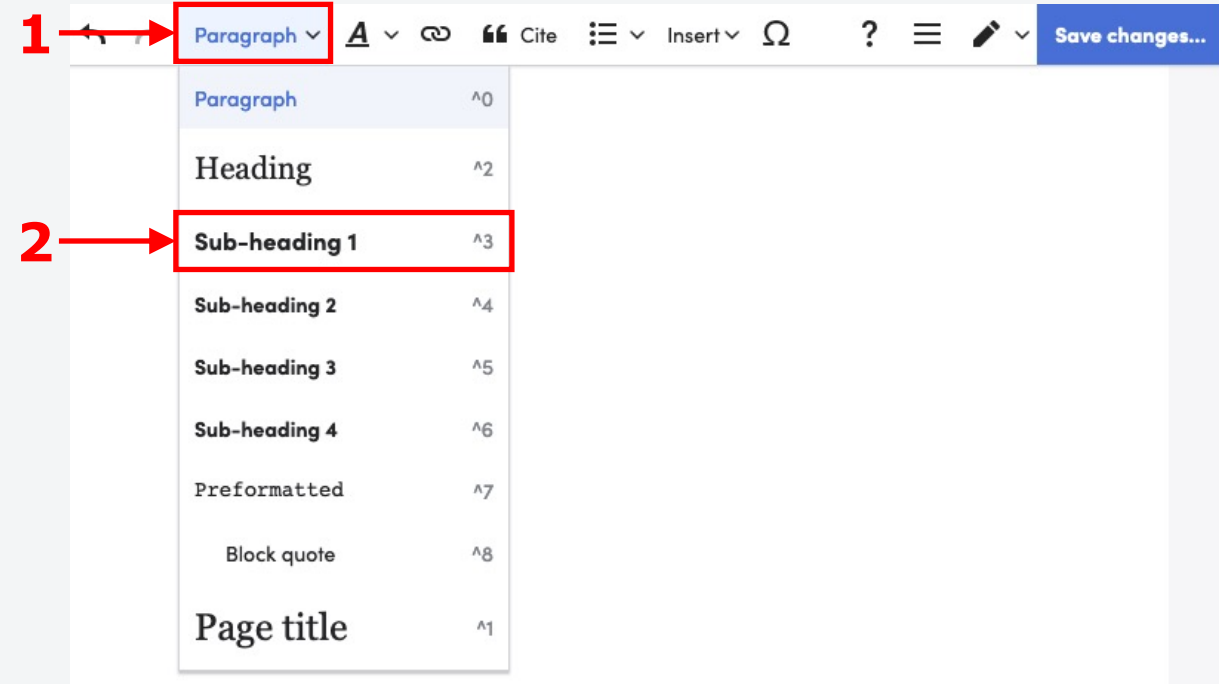
Add your company profile

Enter title (company name)

Each company-profile starts with a title only including your company name.

This can be implemented via the toolbox at the top
Click on **(1) Paragraph** → **(2) Sub-heading 1**

(3) Write your company name and hit enter.



How to add your company profile


Add your company profile

The technology provider infobox

The company profile starts with an technology provider infobox that includes datafields to be filled with obligatory information.

The infoboxes are tailored for each technology, correspondingly templates are prepared for each technology.

A full list of all available templates and their naming can be found under the [Help-page](#).

[Technology name] provider			
General information			
Company:	[Company name]		
Country:	[Country HQ location]		
Contact:	[e-mail address]		
Webpage:	[URL]		
Technology and process details			
Technology name:	["Brand name"]	Technology category:	[Secified technology sub-category from chapter process and technologies]
TRL:	[4-9]	Capacity:	[numeric value] kg·h ⁻¹
Obligatory detail 1:	[Detail 1] [unit]	Obligatory detail 2:	[Detail 2] [unit]
Obligatory detail 3:	[Detail 3] [unit]	Other:	[Other information, free to choose]
Feedstock and product details			
Feedstock:	[more specified feedstocks, (if possible: link to feedstocks from biowaste , garden and park waste , and food waste)]		Product:
			[more specified products, (if possible: link to products)]

How to add your company profile

Add your company profile

Insert technology provider infobox

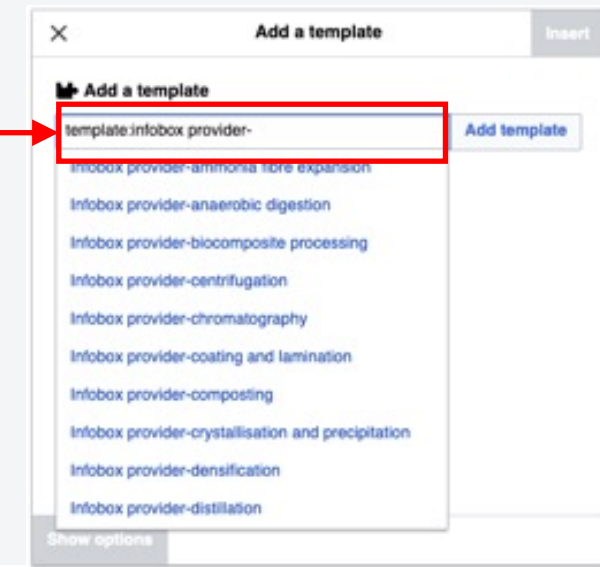
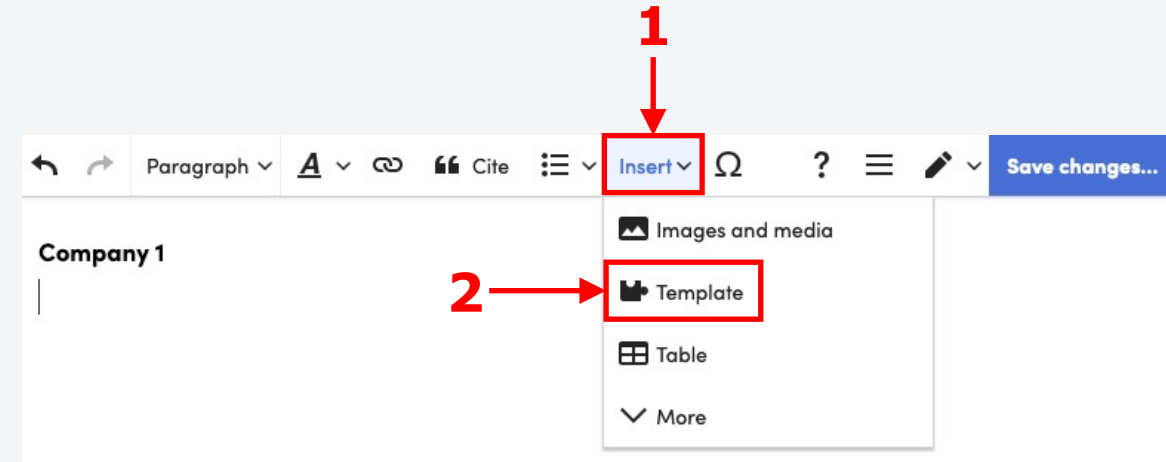
The technology provider infobox can be directly entered below the title (company name) via the toolbox by clicking on

(1) Insert → (2) Template

The “Add a template” dialogue box opens. In the search-field (3) type in the correct search-string for your technology beginning with:

template:infobox provider-

and directly followed by the technology name (which is mainly the article name, suggestions will be displayed below). A full list of all available templates and their naming can be found under the [Help-page](#).



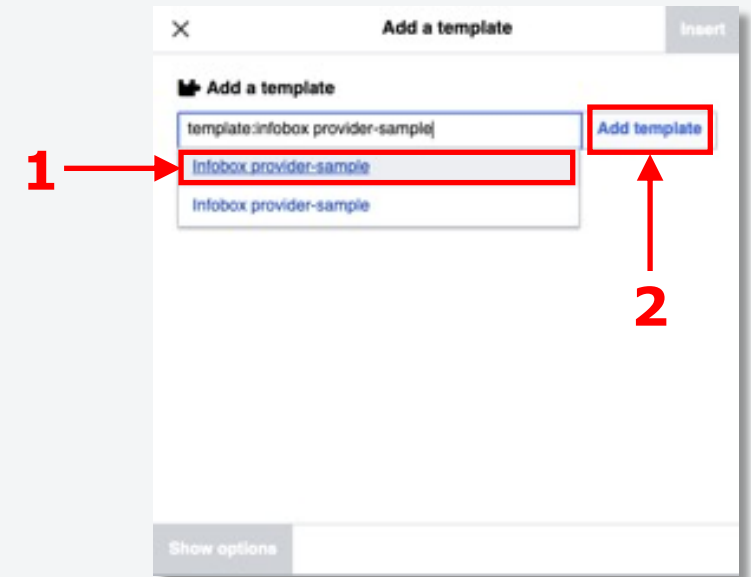
Add your company profile

Insert technology provider infobox

Once the correct search-string was entered
(in this example "template:infobox provider-sample")
you can click either on

(1) the suggested string below the search field

or on **(2) Add template** on the right side of the search field.



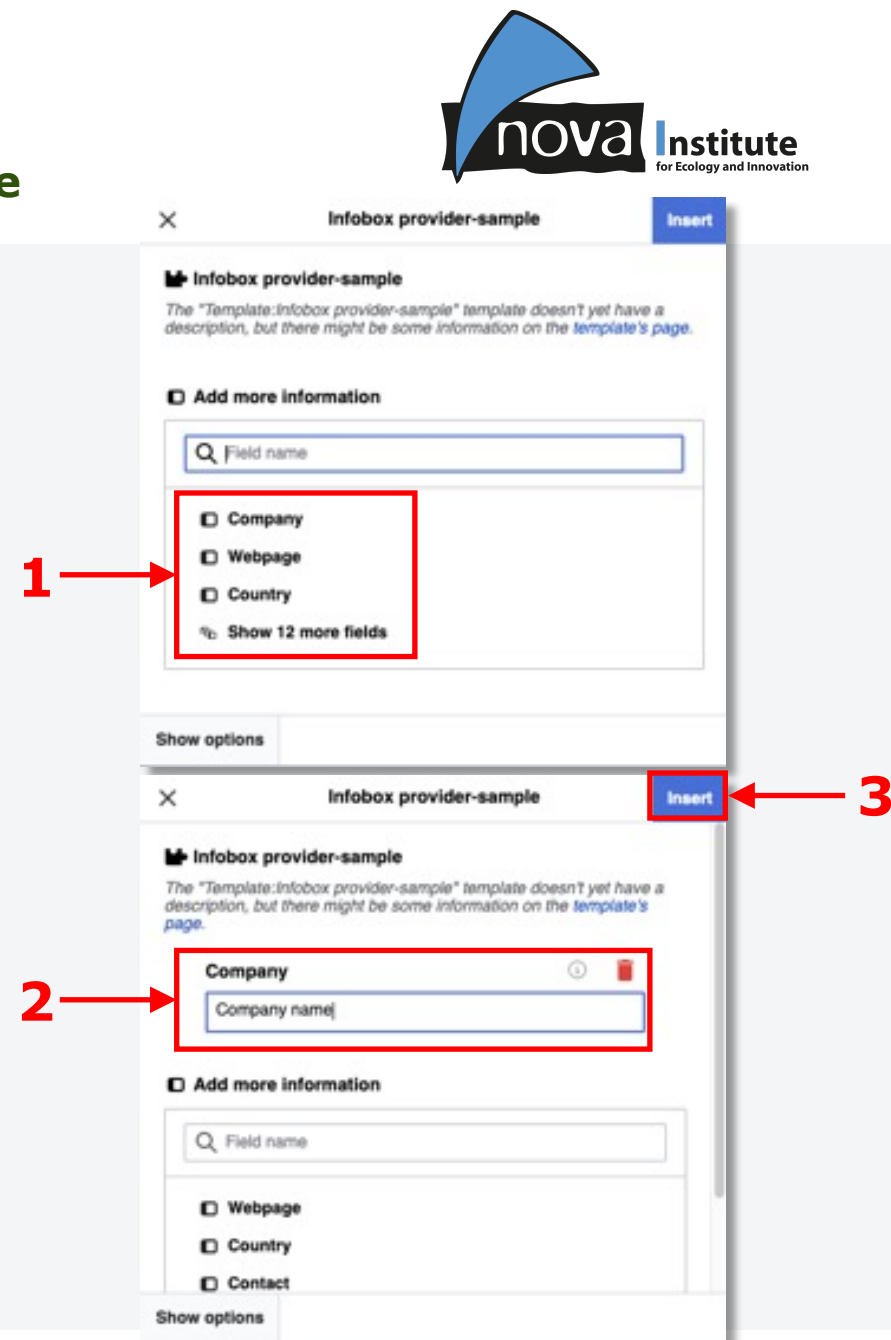
Add your company profile

Insert technology provider infobox

Now another dialogue-box opens which allows you to **access (1) all requested datafields**.

(2) Click on a datafield (in this example "Company")
and type in the requested information.

Complete filling in all requested fields. After completion the infobox can be inserted by **clicking on (3) "Insert"**.



The screenshot shows two instances of the 'Infobox provider-sample' dialog box. The top instance shows the initial state with a list of datafields: Company, Webpage, Country, and Show 12 more fields. A red arrow labeled '1' points to the 'Company' field. The bottom instance shows the 'Company' field selected, with a text input field labeled 'Company name'. A red arrow labeled '2' points to this input field. A red arrow labeled '3' points to the 'Insert' button in the top right corner of the dialog box.

Add your company profile

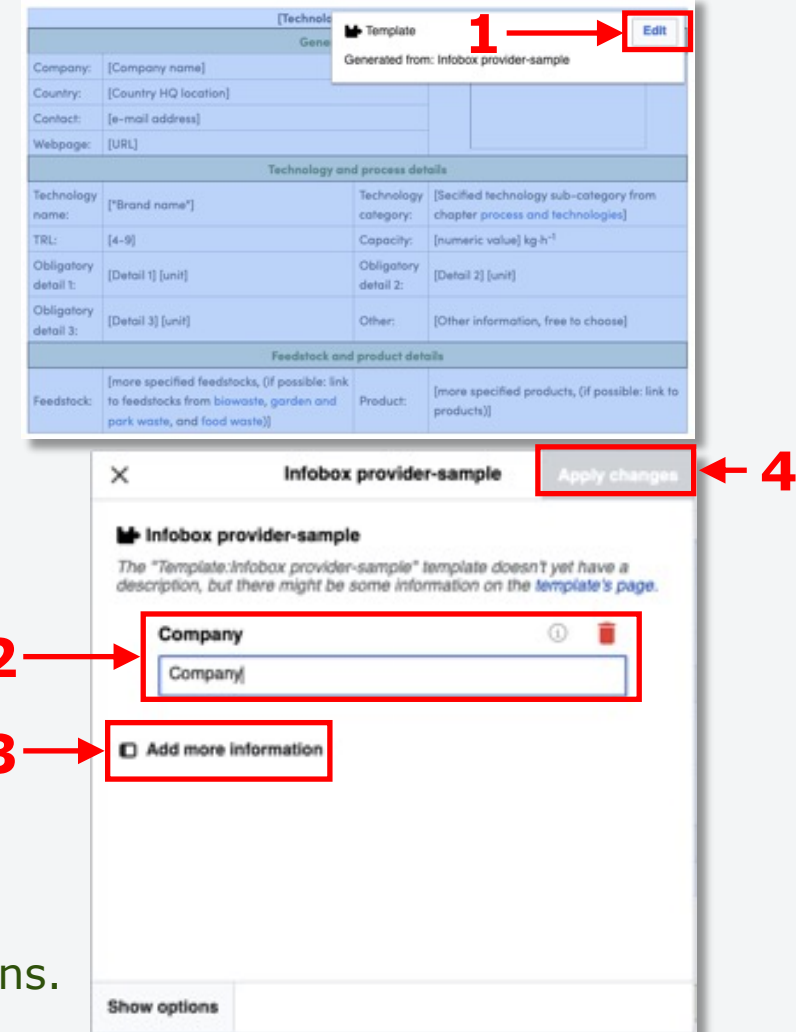
Insert technology provider infobox

If a value needs to be modified or if a datafield was not filled you can easily edit the infobox (presumption: visual editor (WYSIWYG) is activated) by clicking on the infobox followed by clicking on the appearing **(1) "Edit"-button** at the top right of the infobox.

(2) Already typed in datafields can be modified.

(3) Datafields which are still empty can be added under "Add more information".

(4) Click on "Apply changes" once you have completed your modifications.



The screenshot shows the 'Infobox provider-sample' form. The 'Edit' button is highlighted with a red box and a red arrow labeled '1'. The 'Apply changes' button is highlighted with a red box and a red arrow labeled '4'. The 'Add more information' button is highlighted with a red box and a red arrow labeled '3'. The 'Company' field is highlighted with a red box and a red arrow labeled '2'.

How to add your company profile


Add your company profile

Insert your company logo to the technology provider infobox

If you not upload and specify your company logo under the datafield “Image”, **(1) the infobox will display the Tech4Biowaste logo** instead.

If you want to upload your company logo you need to upload the corresponding image first and specify the used filename in the “Image” datafield of the infobox which is explained in the following pages.

[Technology name] provider

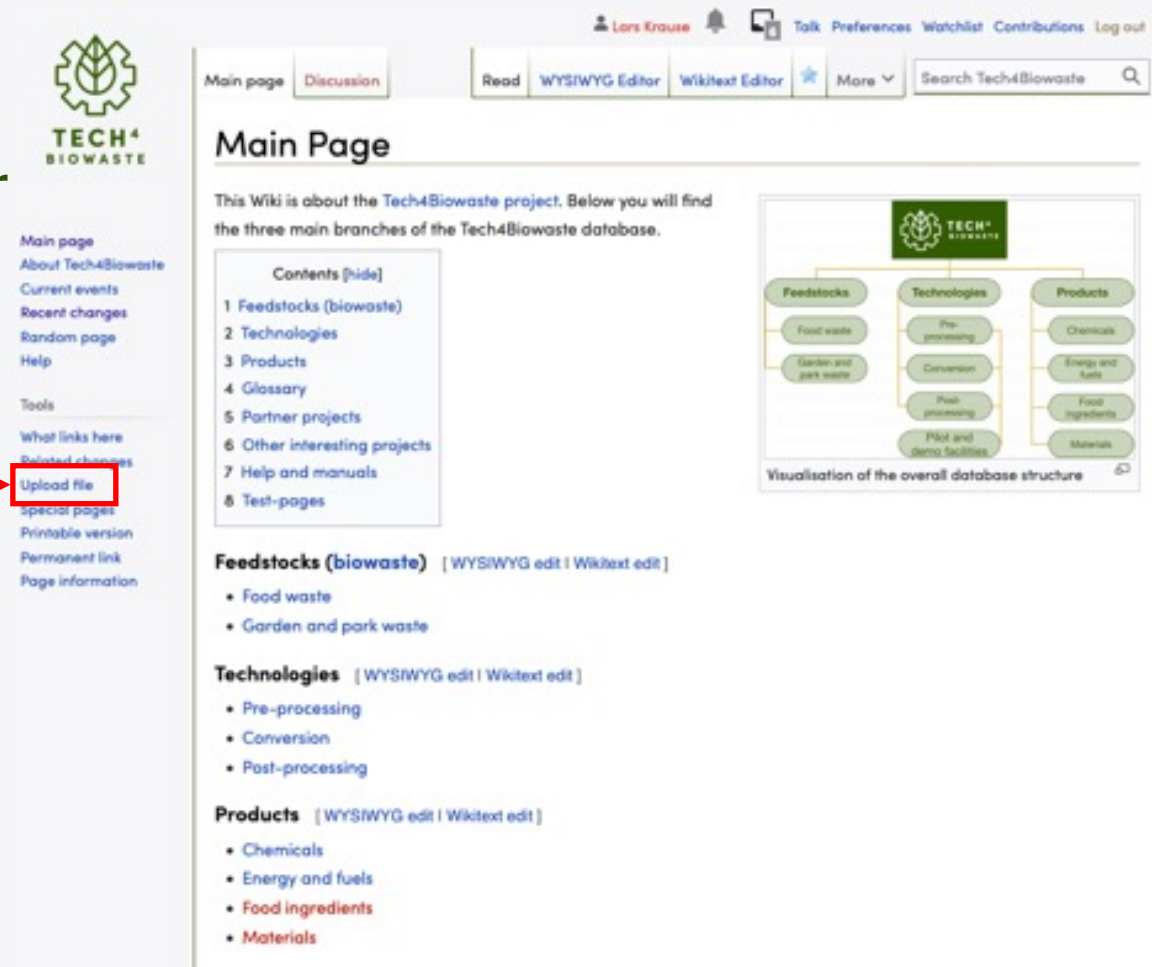
General information			
Company:	[Company name]		
Country:	[Country HQ location]		
Contact:	[e-mail address]		
Webpage:	[URL]		
Technology and process details			
Technology name:	["Brand name"]	Technology category:	[Specified technology sub-category from chapter process and technologies]
TRL:	[4-9]	Capacity:	[numeric value] kg-h ⁻¹
Obligatory detail 1:	[Detail 1] [unit]	Obligatory detail 2:	[Detail 2] [unit]
Obligatory detail 3:	[Detail 3] [unit]	Other:	[Other information, free to choose]
Feedstock and product details			
Feedstock:	[more specified feedstocks, (if possible: link to feedstocks from biowaste , garden and park waste , and food waste)]		Product:
			[more specified products, (if possible: link to products)]

How to add your company profile

Add your company profile

Insert your company logo to the technology provider infobox

From the Main Page click on **(1) Upload file** which will direct you to the Upload Wizard.

The screenshot shows the Tech4Biowaste Main Page. On the left sidebar, the 'Upload file' link is highlighted with a red box and a red arrow labeled '1'. The main content area shows the 'Main Page' title, a description of the wiki, a 'Contents' list, and three main branches: Feedstocks (biowaste), Technologies, and Products. Each branch has a list of sub-items. The 'Feedstocks (biowaste)' branch includes Food waste and Garden and park waste. The 'Technologies' branch includes Pre-processing, Conversion, and Post-processing. The 'Products' branch includes Chemicals, Energy and fuels, Food ingredients, and Materials. A 'Visualisation of the overall database structure' diagram is also present on the right.

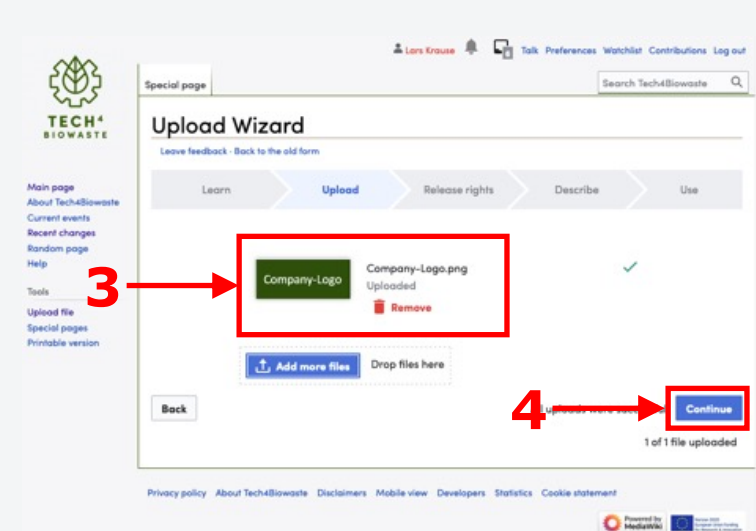
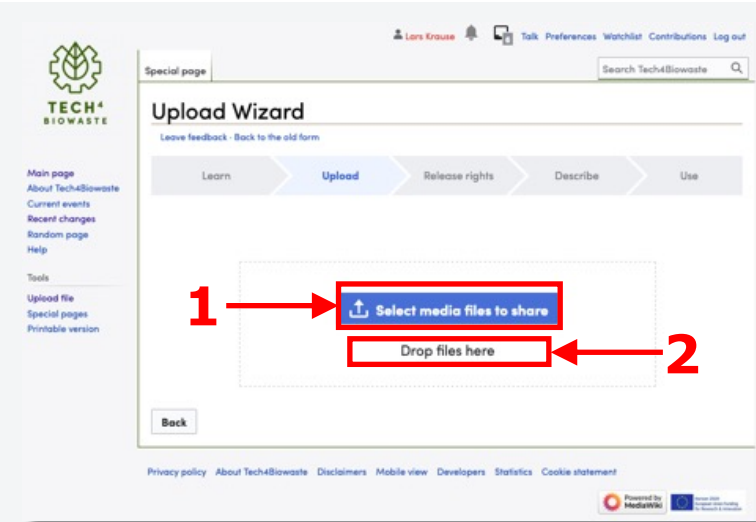
Add your company profile

Insert your company logo to the technology provider infobox

Either click on **(1) Select media files to share** to select the company logo from your file manager.

Or directly **(2) drag-and-drop** the file from your file manager into the Tech4Biowaste Upload Wizard.

Once you have successfully **(3) selected your Company logo** it will be displayed in the Upload Wizard. Now you can click on **(4) Continue**.



How to add your company profile

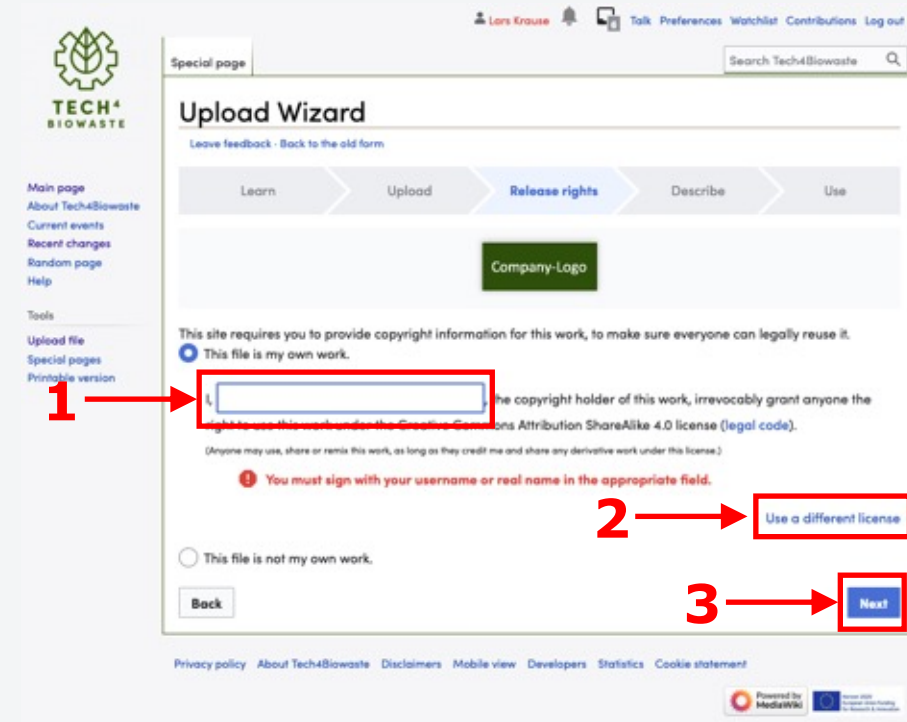
Add your company profile

Insert your company logo to the technology provider infobox

If the file is your work:

(1) type in your User name. Automatically the file will be used under the Creative Commons Attribution ShareAlike 4.0 license, if you want to select another licence you have to click on **(2) Use a different license** followed by selecting the suitable license.

Click on **(3) Next**.



The screenshot shows the 'Upload Wizard' page on the Tech4Biowaste website. The page has a sidebar with navigation links and a main content area. The main content area has a progress bar with steps: Learn, Upload, Release rights (active), Describe, and Use. Below the progress bar is a 'Company-Logo' button. The main content area also has a section for copyright information. A red box labeled '1' points to the 'I, [text input]' field. A red box labeled '2' points to the 'Use a different license' button. A red box labeled '3' points to the 'Next' button. The page also has a search bar and a user profile section in the top right corner.

How to add your company profile

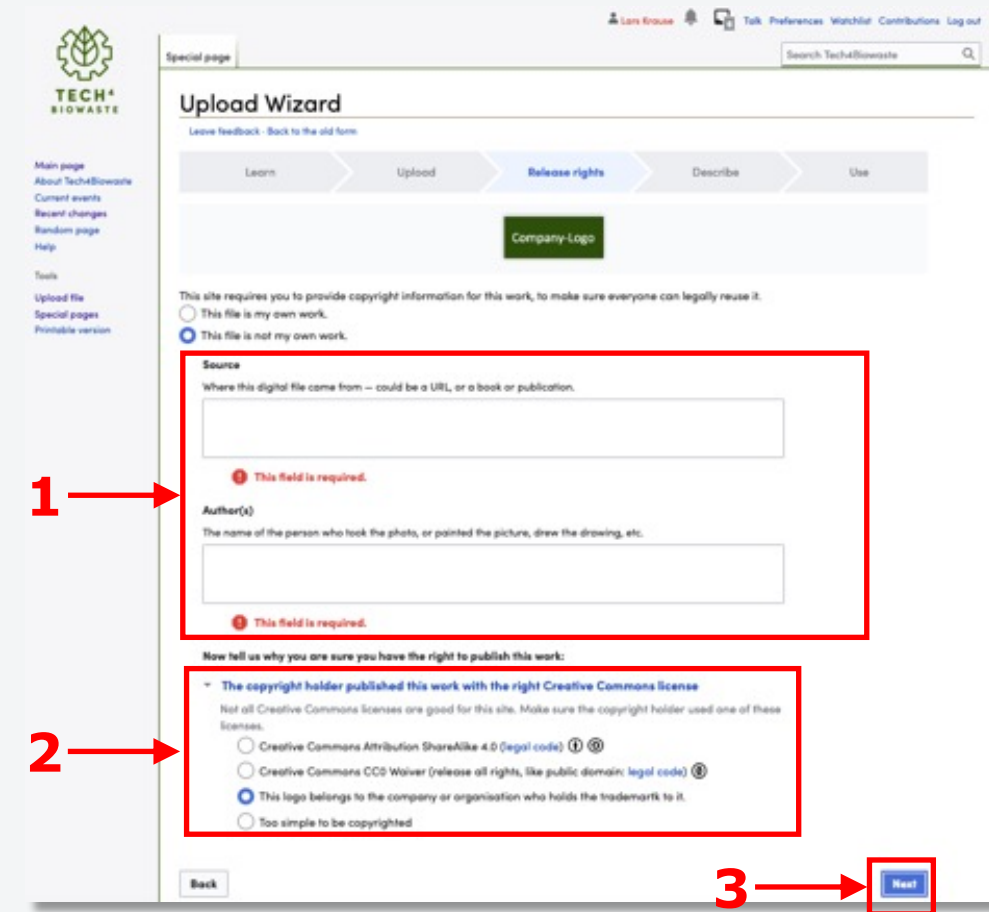
Add your company profile

Insert your company logo to the technology provider infobox

If the file is not your work:

(1) type in the Source and Author(s) of the Work followed by **(2) indicating the publishing license/rights** (e.g. "This logo belongs to the company or organisation who holds the trademark to it").

Click on **(3) Next**.



The screenshot shows the 'Upload Wizard' form with three red boxes and arrows indicating the steps:

- 1** points to the 'Source' and 'Author(s)' fields, which are required.
- 2** points to the 'Now tell us why you are sure you have the right to publish this work:' section, where the user selects a Creative Commons license.
- 3** points to the 'Next' button at the bottom right.

The form includes a sidebar with links like 'Main page', 'About Tech4Biowaste', and 'Tools'. The main content area has a progress bar with steps: Learn, Upload, Release rights (current), Describe, and Use. A 'Company-Logo' placeholder is visible above the 'Source' field.

How to add your company profile

Add your company profile

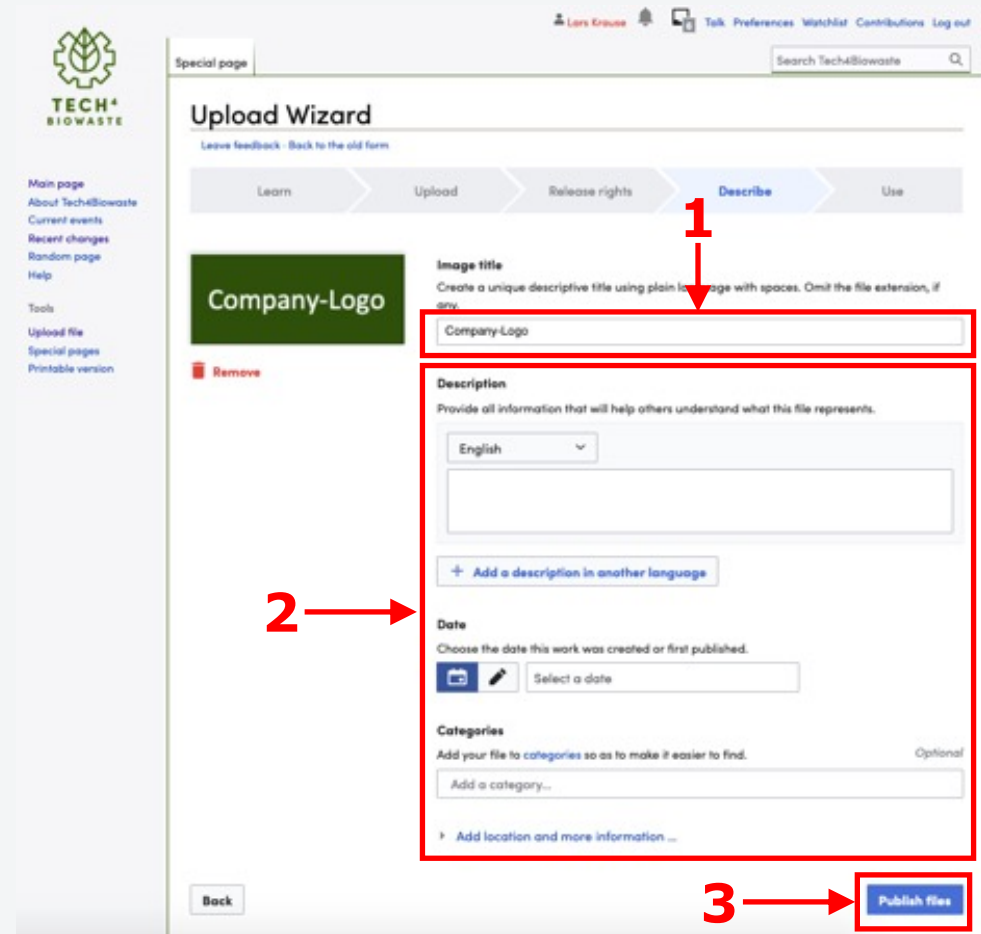
Insert your company logo to the technology provider infobox

After the release rights are specified the file description can be added.

(1) type in a unique **file name** for the company logo.

(2) type in additional required **Description** and **Date**.

Click on **(3) Publish files**.



The screenshot shows the 'Upload Wizard' interface for Tech4Biowaste. The 'Describe' step is active, indicated by a red arrow labeled '1' pointing to the 'Image title' field, which contains 'Company-Logo'. Below this, the 'Description' field is highlighted with a red box and a red arrow labeled '2' pointing to it. The 'Date' field is also highlighted with a red box. At the bottom right, the 'Publish file' button is highlighted with a red box and a red arrow labeled '3' pointing to it. The interface includes a sidebar with navigation links, a top navigation bar, and a search bar.

How to add your company profile

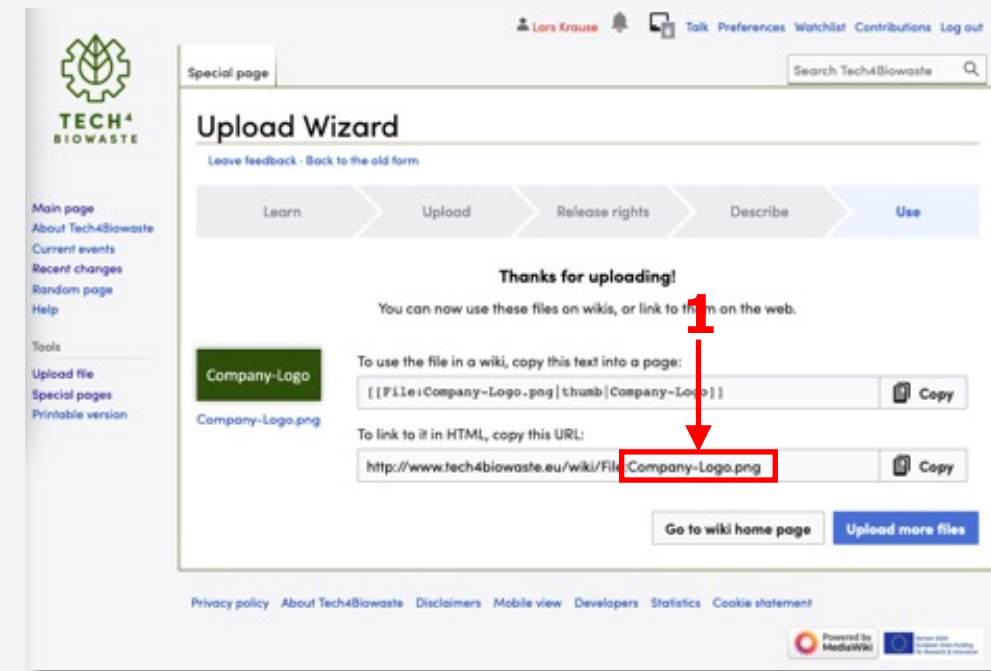
Add your company profile

Insert your company logo to the technology provider infobox

You now have successfully uploaded your company logo.

In the confirmation dialogue the **(1) full link** including the **filename** is displayed.

You need to **note the filename** (attention: case sensitive) for later implementation into the infobox.



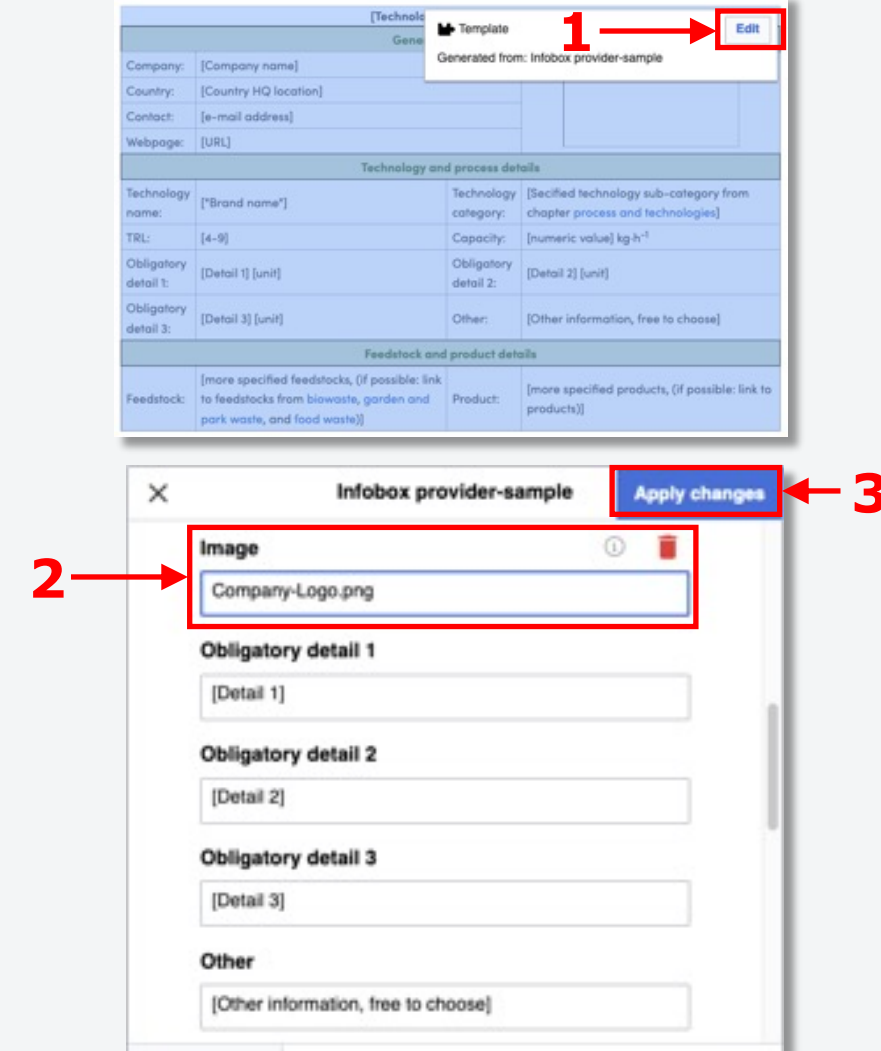
Add your company profile

Insert your company logo to the technology provider infobox

Edit the infobox (presumption: visual editor (WYSIWYG) is activated) by clicking on the infobox followed by clicking on the appearing **(1) "Edit"-button** at the top right of the infobox.

(2) Type in the file name of your uploaded company-logo (attention: case sensitive).

Click on **(3) Apply changes** once you have completed your modifications.



The screenshot shows the 'Infobox provider-sample' form. At the top right, there is a red box around the 'Edit' button, labeled with a red '1'. Below the form, there is a red box around the 'Image' field, labeled with a red '2'. At the bottom right, there is a red box around the 'Apply changes' button, labeled with a red '3'.

Technology and process details	
Technology name:	["Brand name"]
TRL:	[4-9]
Obligatory detail 1:	[Detail 1] [unit]
Obligatory detail 2:	[Detail 2] [unit]
Obligatory detail 3:	[Detail 3] [unit]
Other:	[Other information, free to choose]

Feedstock and product details	
Feedstock:	[more specified feedstocks, (if possible: link to feedstocks from biowaste, garden and park waste, and food waste)]
Product:	[more specified products, (if possible: link to products)]

Infobox provider-sample

Image

Company-Logo.png

Obligatory detail 1

[Detail 1]

Obligatory detail 2

[Detail 2]

Obligatory detail 3

[Detail 3]

Other

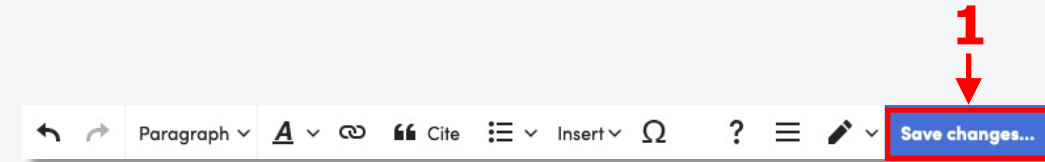
[Other information, free to choose]

How to add your company profile

Add your company profile

Insert your company logo to the technology provider infobox

After clicking on **(1) Save changes** in the toolbox your company-logo should now be **(2) displayed in the infobox**.



[Technology name] provider			
General information			
Company:	[Company name]		<div style="border: 2px solid red; padding: 5px; text-align: center;"> Company-Logo </div>
Country:	[Country HQ location]		
Contact:	[e-mail address]		
Webpage:	[URL]		
Technology and process details			
Technology name:	[*Brand name*]	Technology category:	[Specified technology sub-category from chapter process and technologies]
TRL:	[4-9]	Capacity:	[numeric value] kg·h ⁻¹
Obligatory detail 1:	[Detail 1] [unit]	Obligatory detail 2:	[Detail 2] [unit]
Obligatory detail 3:	[Detail 3] [unit]	Other:	[Other information, free to choose]
Feedstock and product details			
Feedstock:	[more specified feedstocks, (if possible: link to feedstocks from biowaste , garden and park waste , and food waste)]		Product:
			[more specified products, (if possible: link to products)]

How to add your company profile

Add your company profile

Insert a text section

(1) below the infobox

Different levels of information are requested including:

- Obligatory information
- Preferred information
- Optional information

[Technology name] provider			
General information			
Company:	[Company name]	Webpage:	[URL]
Country:	[Country HQ location]	Contact:	[e-mail address]
Technology name:	["Brand name"]	Technology category:	[Specified technology sub-category from chapter process and technologies]
TRL:	[4-9]	Capacity:	[numeric value] kg·h ⁻¹
Technology and process details			
Obligatory detail 1:	[Detail 1] [unit]	Obligatory detail 2:	[Detail 2] [unit]
Obligatory detail 3:	[Detail 3] [unit]	Other:	[Other information, free to choose]
Feedstock and product details			
Feedstock:	[more specified feedstocks, (if possible: link to feedstocks from biowaste , garden and park waste , and food waste)]		Product:
			[more specified products, (if possible: link to products)]

1 → [Coherent text including the following set of information]

How to add your company profile

Add your company profile

Insert a text section

Obligatory information:

- City of Headquarter and/or facility/plant –location
- Feedstock/Input more specified (analogous to infotable, if possible: link to feedstocks from biowaste, garden and park waste, and food waste)
- Product/Output more specified (analogous to infotable)

How to add your company profile

Add your company profile

Insert a text section

Preferred information:

- Company profile and strategy
- Feedstock/input requirements/composition
- Needed/Optional pre-/post-treatments (primary processing or hybrid processing might provide suitable candidates that can be linked. If they are not covered yet please provide feedback or feel free to create articles/pages for missing pre-treatments.)
- Product/Output quality/composition
- Technology/Process details (explain technology and process details from the comparison tool/infobox in a coherent text)

How to add your company profile

Add your company profile

Insert a text section

Optional information:

- Business model
- Combined use with other technologies
- Economic data
- Engineering studies
- Environmental data (LCA, etc.)
- Other
- Patent & IPR situation

How to add your company profile

Add your company profile

Save your company profile

Save any additions, modifications by clicking on
(1) “Save changes...” on the right side of the toolbox.



↑
1

How to add your technology to the technology comparison tool

Add your technology to the comparison tool

How to add your company profile

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The technology comparison tool

For each technology article a tailored comparison tool was implemented. Once you have added your company profile you can enter at the same article the requested datafields for the comparison tool.

The technology comparison tool can be directly accessed from the top of **Chapter 4** by clicking **(1) “Expand”** under “Technology comparison”.

Technology providers

Technology comparison

1 → [Expand](#)

Technology comparison [Collapse]

Company name	Country	Technology category	Technology name	TRL	Capacity [kg/h]	Detailed information 1 [unit]	Detailed information 2 [unit]	Feedstock: Food waste	Feedstock: Garden & park waste	Product: Product 1	Product: Product 2	Product: Product 3
Company 1	[Country HQ location]	[Technology category (if different sub-categories are defined this has to be specified here, the available categories can be found on each technology page under the chapter Process and technologies)]	[Technology name (the "branded name" or the usual naming from company side)]	[4-9]	[numeric value]							

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Enter the visual edit-mode by clicking on the link

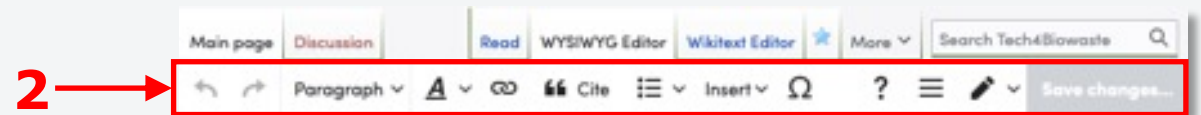
(1) “WYSIWYG edit” which you can find at the top of the section after the section-title “Technology providers”.

This will open the toolbox at the top frame of the wiki.



Toolbox

The **(2) toolbox** offers all important functions to visually edit and format the article.



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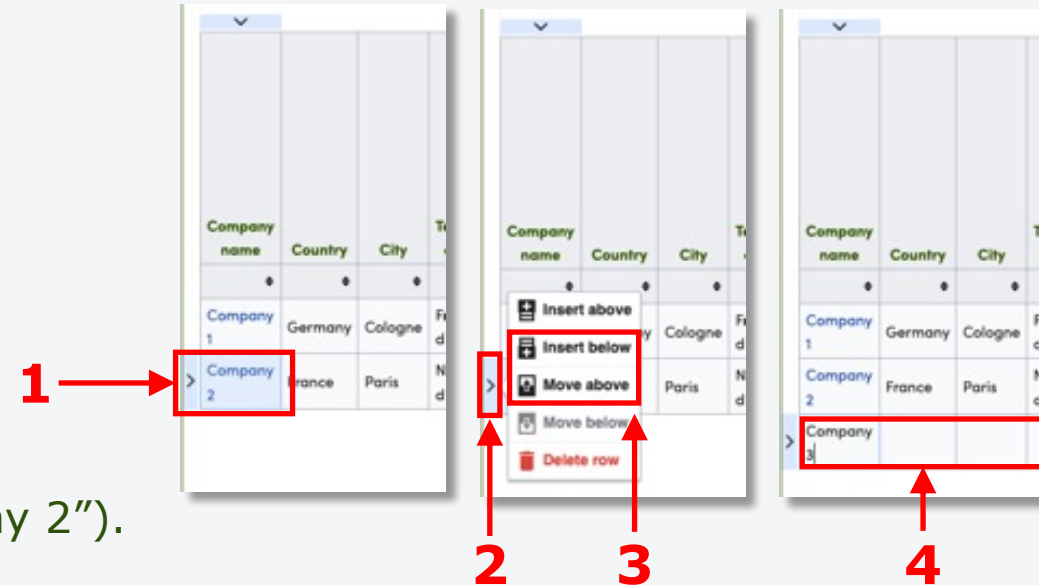
In the technology comparison tool the entries are sorted by company names in alphabetical order.

(1) Search and click in the line where you want to place your company (above or below, in this example: "Company 2").

On the left side of the line an arrow appears, **(2) click on the arrow**

A **(3) dialogue box** appears offering to

(4) insert a new line above or below the selected line (in this example it was inserted below) and type in the requested information.

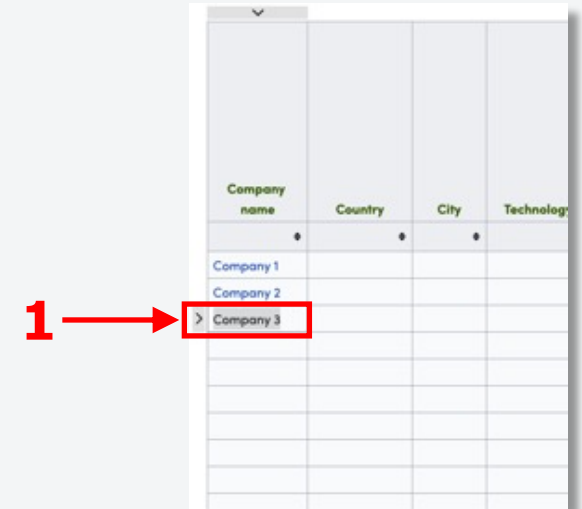


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Crosslink your company profile

Double-click into the cell with your company name and **(1) mark/highlight the company name.**



Company name	Country	City	Technology
Company 1			
Company 2			
Company 3			

(2) click on the link-tool which is located in the toolbox.



How to add your company profile

Add your technology to the technology comparison tool

Crosslink your company profile

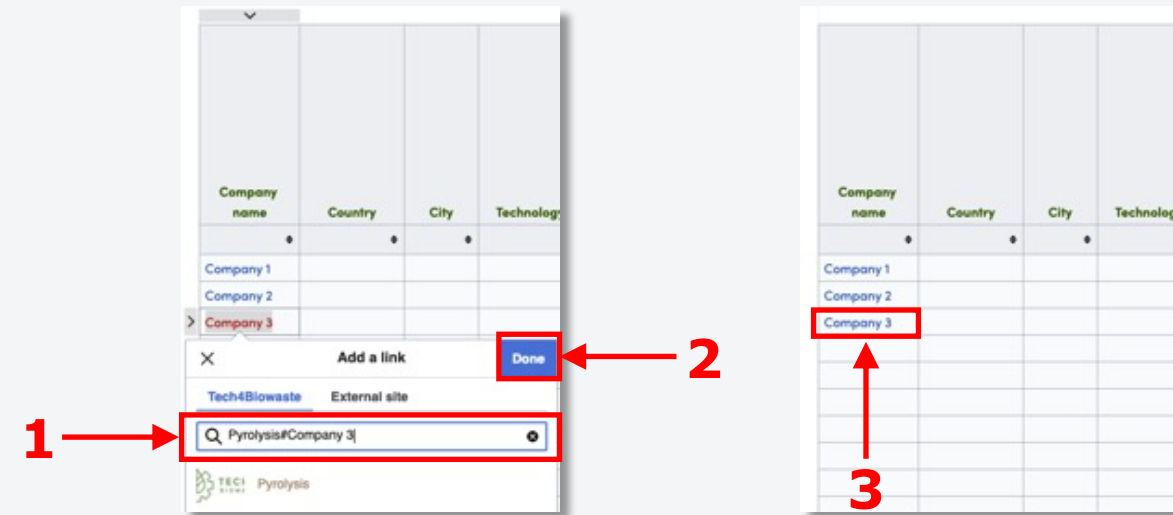
The “Add a link” dialogue-box appears.
In the search-field the **(1) crosslink to your company profile** can be added via following syntax (ATTENTION: case-sensitive):

Articlename#Companyname

After that **(2) click on “Done”**.

In the following example a crosslink is set up to the section with the company profile named “Company 3” in the technology article named “Pyrolysis”:

Pyrolysis#Company 3



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Save your changes

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