

# Reusable Image Gallery – Usage Guide

This guide explains how to use the reusable image-card gallery include that powers the Projects page.

## Locations

- Include: `\_includes/image\_gallery.html`
- Styles: `assets/css/custom-styles.css` (projects-grid, project-card\*)
- Usage example: `projects.html`

## Core Concept

Pass a list of items and specify which keys to use for title, URL, and image. The include outputs a responsive grid of rounded cards with a background image and overlay text.

## Quick Start (Projects Collection)

- Add/edit files in `\_projects/` with: `title` (required), `subtitle` (optional), `cover` (optional), `permalink` (optional).

Include call used by the Projects page:

```
{% include image_gallery.html
  items=site.projects
  title_key='title'
  url_key='url'
  image_key='cover'
  subtitle_key='subtitle'
  class='projects-grid'
%}
```

## Add/Remove Cards

- Add: create a new Markdown file in `\_projects/` with the front matter above.
- Remove: delete/rename the file or set `published: false`.

## Image Tips

- Cards use `aspect-ratio: 16/9`; prefer landscape images.
- Store images under `assets/img/...` and reference with `/assets/img/...jpg`.
- If no `cover` is provided, a fallback gradient is shown.

## Use With Any List

You can pass any array (collection, data file, page var) and map keys:

```
{% assign items = site.data.links %}
{% include image_gallery.html
  items=items
  title_key='name'
  url_key='href'
  image_key='image'
  class='projects-grid'
%}
```

- Required per item: title (title\_key), URL (url\_key).

- Image is optional (image\_key).

## Include Parameters

- ``items``: array to render
- ``title_key``: defaults to ``title``
- ``url_key``: defaults to ``url``
- ``image_key``: defaults to ``image``
- ``subtitle_key``: none by default
- ``class``: container class, defaults to ``projects-grid``

## Styling Hooks

- Grid: ``.projects-grid``
- Card: ``.project-card`` (+ ``--noimg``)
- Text wrappers: ``.project-card__text``, ``.project-card__title``, ``.project-card__subtitle``

## Accessibility Notes

- Cards use background images; ensure link text (title) is descriptive.
- Keep titles concise; entire card is the link.

## Troubleshooting

- No image: verify ``cover`` path and file exists.
- Cropping: images are center-cropped; use 16:9 or wider.
- No cards: ensure ``items`` is non-empty and include is invoked.