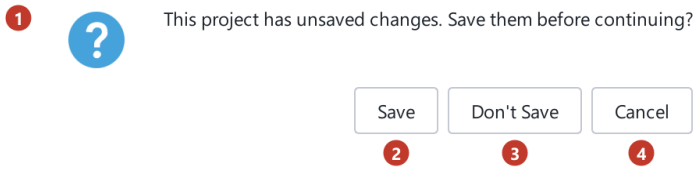
ReliaEn 1.0.0 User Manual · Chapter 1.4

Projects: saving, starting a new one and opening a saved one, and the unsaved-changes question

Menu: File ▸ New Project · Open Project… · Save Project…

Part 1 — What the function does

What it does. A project is everything you work on in one ReliaEn window, kept in one file ending in .rlen: the worksheet with its values, formulas and column names, every report with its plots, the reliability block diagram and the FMEA studies. File ▸ Save Project… writes it to a file, File ▸ Open Project… reads one back, and File ▸ New Project starts an empty one. When the project has changes no save has written, ReliaEn asks before New Project, Open Project or Exit would lose them.



The unsaved-changes question

- ① The question: This project has unsaved changes. Save them before continuing?
- ② Save: saves the project first, then continues.
- ③ Don't Save: continues without saving; the changes are lost.
- ④ Cancel: stops the action; nothing changes.

What changes a project	What does not
A cell edited, a formula entered, a column renamed, an import, Clear Worksheet, an analysis run, a report removed, an FMEA study or the diagram edited	A refused analysis, a file chooser cancelled, the window moved or resized, a Help page opened

From which data. The project in the window, and a project file (.rlen) on disk.

When an engineer uses it. At the end of every working session, before starting other work, and to hand a whole analysis - data, reports and plots - to a colleague as one file.

When not to use it.

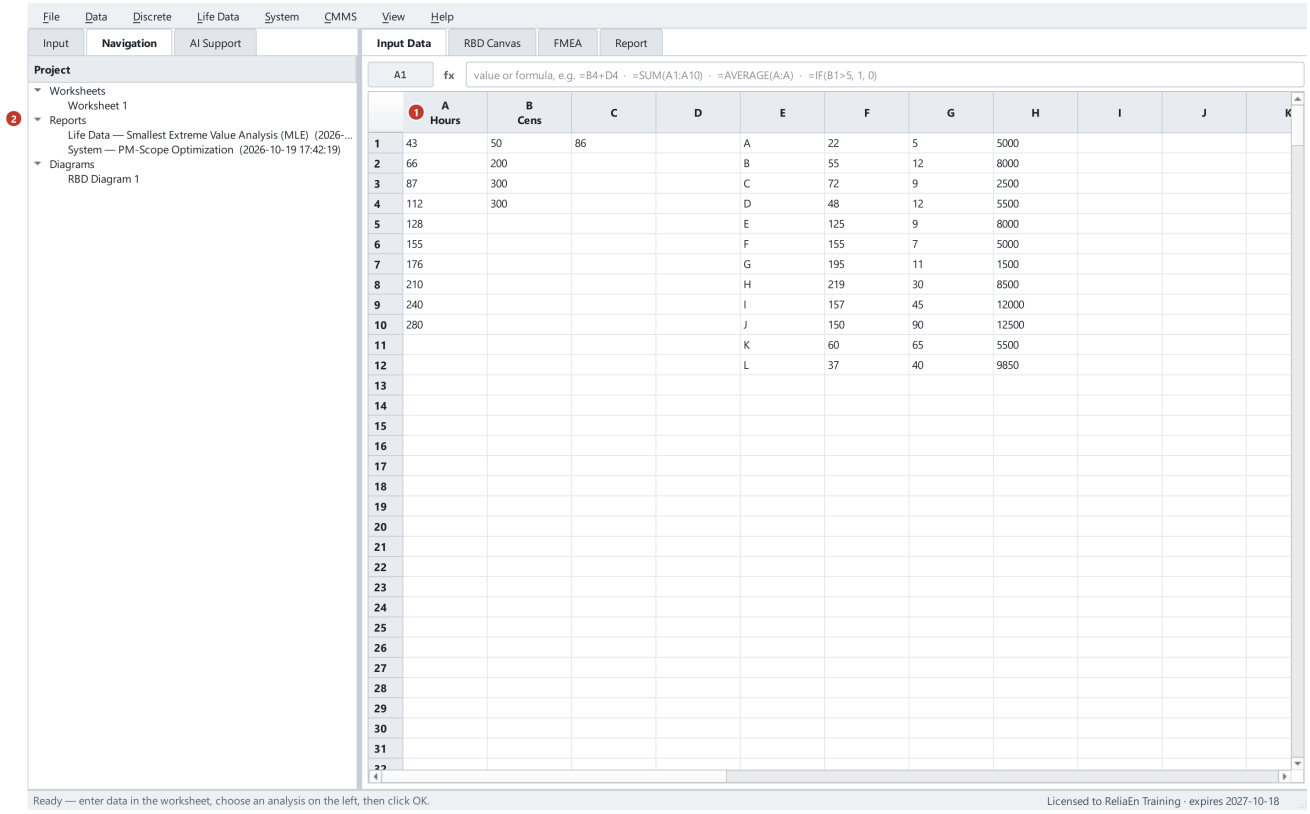
Situation	Use instead
Only the worksheet is to be emptied, the reports kept	Data ▸ Clear Worksheet (chapter 1.2)
One report is to go to someone who has no ReliaEn	File ▸ Export Report (chapter 1.5)

Part 2 — The example's input data

Setting. A reliability engineer opens the pump project of chapter 1.2 and corrects the first failure hour from 42 to 43. Then the engineer wants an empty project for another job, without losing the correction.

Input	Value
File in the worked-example zip	1-Projects/Example-1.rlen

The change	cell A1 of Hours: 42 → 43
The file to save to	My-Pumps.rlen, a new name, so the example file stays as it came



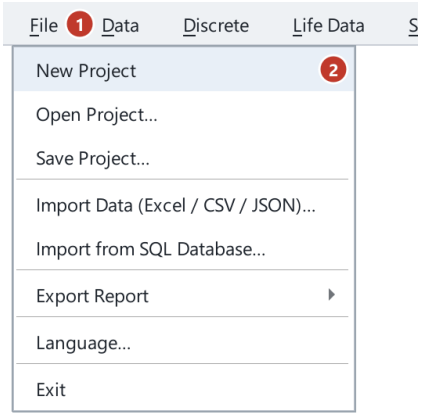
	A Hours	B Cens	C	D	E	F	G	H
1	43	50	86		A	22	5	5000
2	66	200			B	55	12	8000
3	87	300			C	72	9	2500
4	112	300			D	48	12	5500
5	128				E	125	9	8000
6	155				F	155	7	5000
7	176				G	195	11	1500
8	210				H	219	30	8500
9	240				I	157	45	12000
10	280				J	150	90	12500
11					K	60	65	5500
12					L	37	40	9850

The project with the change not yet saved

- ① Column A Hours: 43 in A1, then 66, 87 … 280.
- ② Navigation's Reports: the project's two reports.

Part 3 — How to use it, step by step

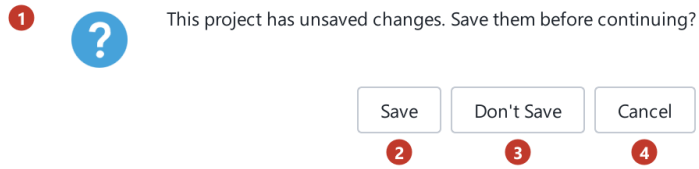
1. **Choose File ▸ New Project.**



Step 1 — the menu path

- ① File: the menu.
- ② New Project: the entry to click.

2. **The question appears, because A1 has changed: click Save.**

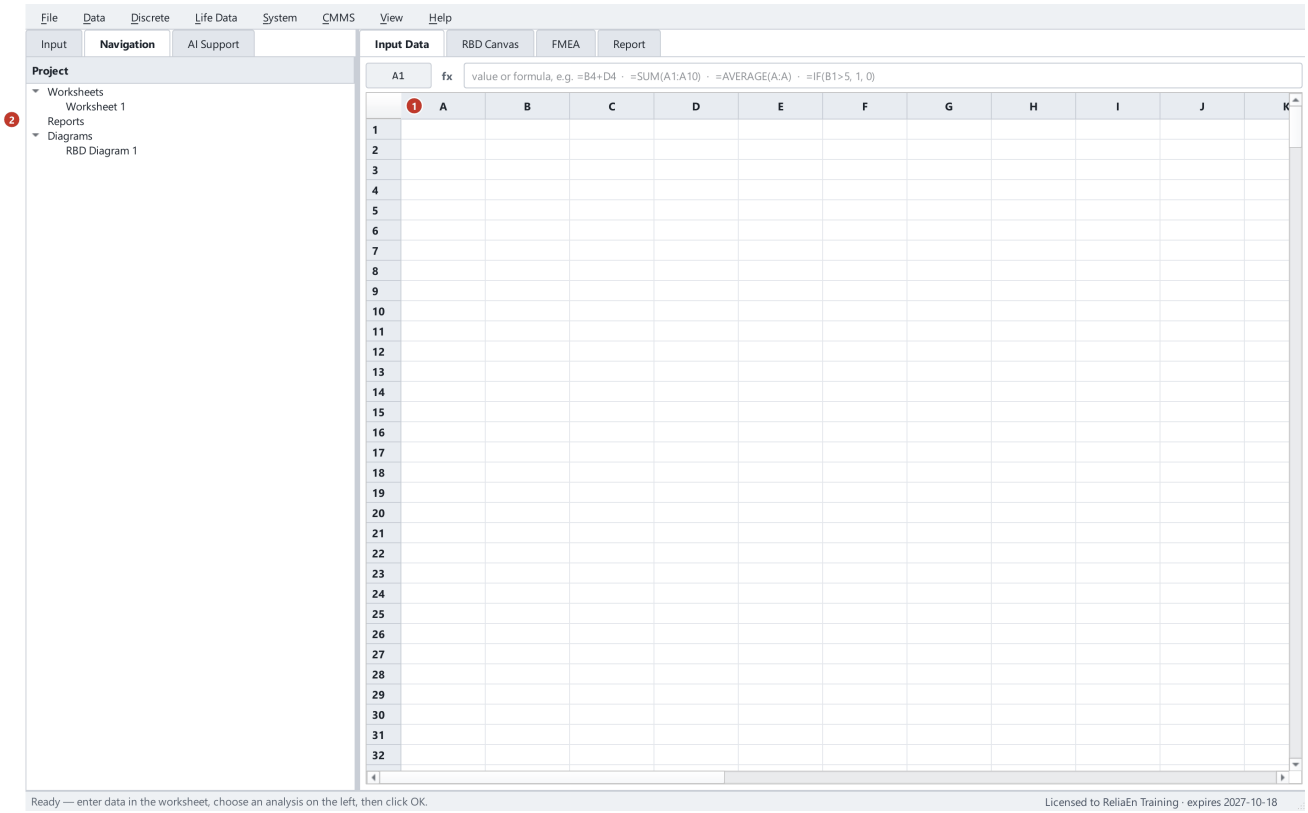


Step 2 — the question

- ① The question: This project has unsaved changes. Save them before continuing?
- ② Save: the button to click.
- ③ Don't Save: continues without saving; the changes are lost.
- ④ Cancel: stops the action; nothing changes.

3. ② **In the file chooser Save project, type the name My-Pumps.rlen and click Save.** The chooser offers the open file's name, Example-1.rlen; a new name keeps the example file as it was. ReliaEn writes the file, and then starts the new project.

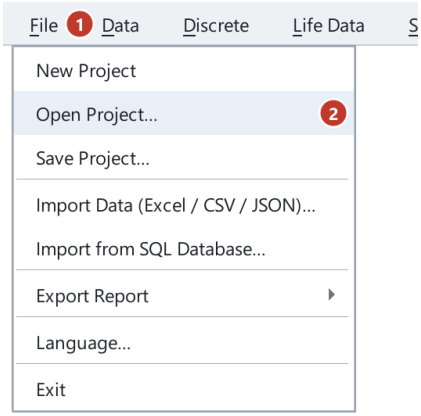
4. **The new project is empty.**



Step 4 — the new project

- ① The worksheet: no value in any cell, the column headers A to Z.
- ② Navigation's Reports: none.

5. **Choose File ▸ Open Project….**

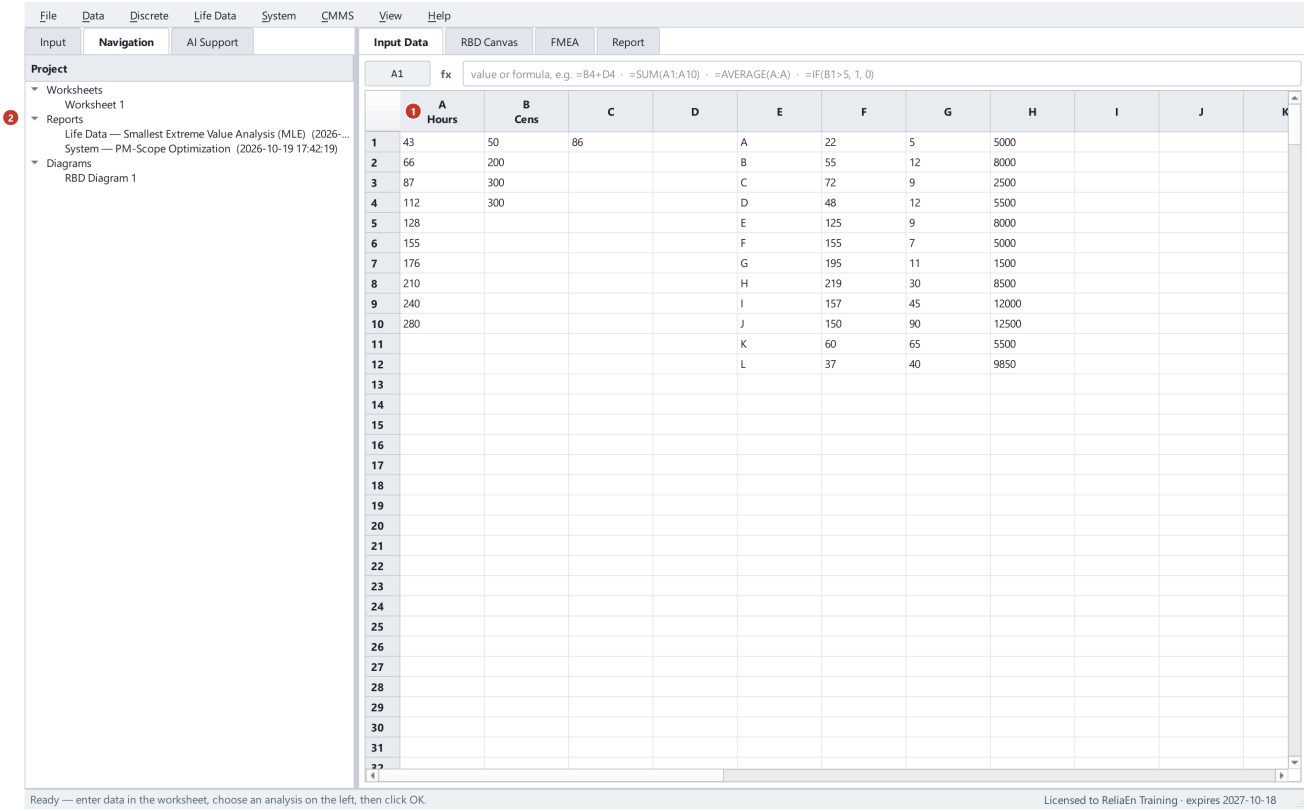


Step 5 — the menu path

- ① File: the menu.
- ② Open Project…: the entry to click.

6. ② **In the file chooser Open project, choose My-Pumps.rlen and click Open.** The new project has no changes, so no question is asked.

Part 4 — The result



My-Pumps.rlen opened

- ① Column A Hours: 43 in A1 - the correction was saved.
- ② Navigation's Reports: the same two reports, in the same order, each with its plots.

The status line reads Opened followed by the file's full path, and the project has no unsaved changes.

Part 5 — How to interpret the results

What Save kept. The file holds the project as it was when Save was clicked: the corrected A1, the column names Hours and Cens, the formula in C1, both reports with every plot inside the file. A project file needs nothing else on disk, so it can be copied to another computer and opened there.

What the question protects. Don't Save would have started the new project and lost the correction; Cancel would have left the project open with the correction still unsaved. After Save, a Cancel in the file chooser also stops the action: nothing is written and the project stays as it was.

The example file is unchanged. Example-1.rlen still holds 42 in A1. Save Project… on a project opened from a file offers that file's name; to keep the original, type a new name, as in step 3.

When a file cannot be opened or saved. A file that is not a ReliaEn project is refused in the box Open failed and the open project is untouched. A save that cannot complete is reported in the box Save failed, and an existing file of that name is left exactly as it was.