

# Field data collection using open source tools

## Central Highland Eden Weed Recorder

Recorder

SOE

sw0t

\*Weed type

☒ Herbs

Grasses and ground cover, small short plant, few or no branches

☐ Shrubs

Medium size bushy, hard flexible stems with branches

☐ Trees

Big plants, have trunks and branches

☐ Vines

Creepers and climbers, cannot support own weight



<https://enketo.ona.io/x/#YngS>



Environment,  
Land, Water  
and Planning



# Who am I building forms for

- Not for profit organisations
- Friends groups
- DELWP partner agencies
  - Parks Victoria
  - Melbourne Water
  - Councils
  - Alpine Resorts

- Really easy to use
- Free
- Platform independent
- Ability to work offline
- Smart forms – skip logic, validations, prepopulate fields
- Non-proprietary
- Collect locations as points. Lines and polygons would be nice

Enketo which is part of OpenRosa is an open source web application used to build forms.

Designed for

- cross-platform
- quick-to-deploy
- Poor internet connections



It can use [XLSForm](#) to construct [Xforms](#).

Some of the products that use Enketo include:

- KoboTolbox
- Ona
- Open Data Kit



## Workflow for Central Highlands Eden Weed Recorder

1. Start with KoBo Toolbox, use KoboForm to get started
2. Once happy with general layout, export as XLS Form and tweak in Excel.
3. Import XLS Form into ONA.io
4. Upload media files and related tables
5. Deploy form
6. Create script to schedule download of data