

Pilot Community Power Hubs

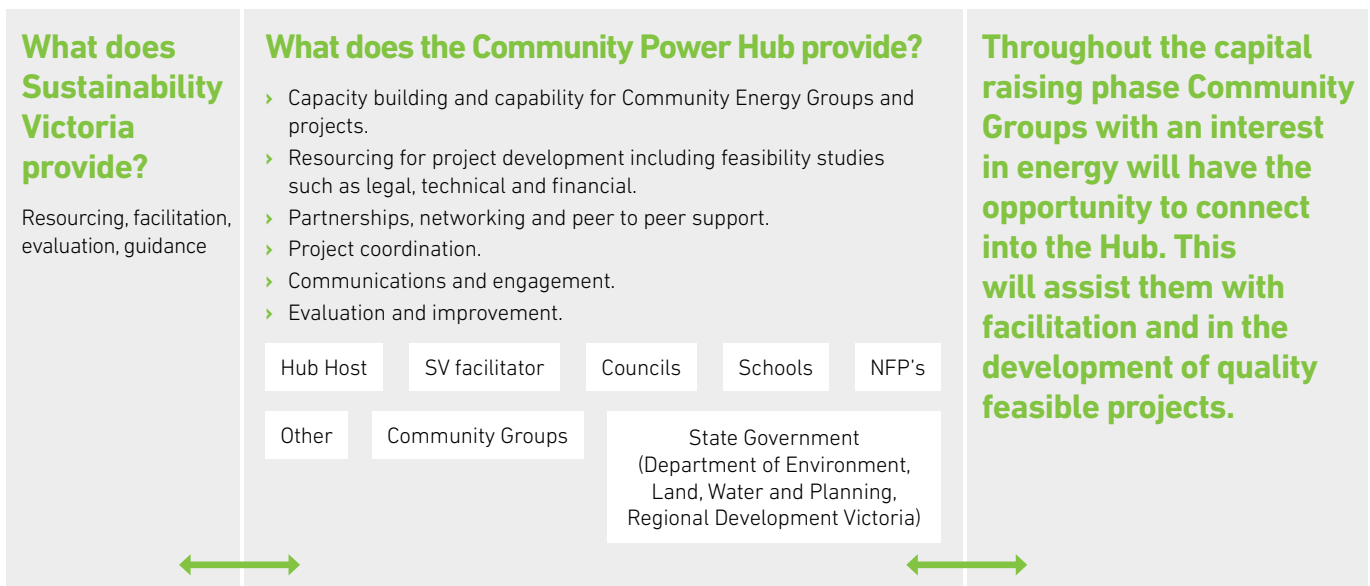
Enabling community-owned renewable energy

Development stages and activities for a typical community energy project

Based on Guide to Community Owned Renewable Energy (DEDJTR 2015)

1 Commencement	A group is formed and together they set objectives and begin project development.
2 Social Feasibility	The group gauges the level of support for the project within the local community and undertakes high level scoping to determine what is technically and financially possible.
3 Technical Feasibility	An organisational structure is established and a full technical study is undertaken to design the technical aspects of the project. If appropriate negotiations will also commence with the local distribution network operator regarding grid connection and one or more retailers regarding the sale of electricity. This stage also requires a business case to be developed.
4 Planning	The group seeks planning approval (if required) and host owners approval.
5 Capital Raising	This stage focuses on raising sufficient capital to enable the project to proceed to the construction phase.
6 Construction	Equipment (wind turbine, solar panels etc) are ordered, civil works including foundations or roads are built, and the project is installed and connected to the electricity grid.
7 Operation	Electricity is generated! Tasks undertaken in this stage include technical monitoring, maintenance and financial administration.

Connecting Sustainability Victoria and Community Power Hubs



Anticipated Community Power Hub timeline

0-6 months	6-12 months	12-18 months	18-24 months
Scoping and planning. Establish the governance of the Hubs and list of respective potential Community Energy projects.	Each Hub identifies a flagship Community Energy project and action plan. Commence project feasibility work. Work with community groups to identify projects.	Flagship project finalises planning and begins raising capital. Scope additional pipeline projects. Work with community groups to identify projects.	Commence construction/ operation of flagship project. Other projects move into feasibility planning.