

It takes a lot of planning to develop a large scale project such as a wind farm. Often a team of people, led by a Project Manager, are brought together to discuss resources (people, equipment and materials), timeframes and approvals.

Scenario

You have recently been appointed to the role of Project Manager on a new wind farm development.

The project is due to take 12 months to complete and will start in January next year.

What do you need to plan?

Explore

Using your knowledge from the Musselroe Wind Farm video and class discussions to design your project plan.

Your plan can be presented in a document with chapters for each new topic.

Your project plan should include:

- a. a list of resources
 - i. Who will be responsible for what? Think about what type of roles you will need filled. Include contractors here.
 - ii. What equipment will you need? This will include an office for project management an onsite office, heavy machinery
 - iii. What materials will you use? Review other wind farm projects to understand what type of materials were needed.
- b. a list of activities
 - i. Community activities or information sessions.
 - ii. Who is the local council and planning authority?
- iii. How are you going to care for the environment? Are there water ways that need protecting?
- iv. Are there any threatened wildlife or plants on the area of land you have selected?
- v. Any safety considerations for staff and visitors to the wind farm site?
- vi. Is there good road access to the site?
- vii. Is there a transmission tower close by?
- viii. Who are you going to speak with about the project?
- ix. Engagement (communicating) with people who live close to the wind farm site, local community, businesses, industry?
- x. Any road closures required?
- xi. How will you arrange the wind turbines in the landscape so they don't distract motorists for example?
- c. A month by month timeline



Figure 1: Woolnorth Wind Farm

Use a combination of words, images, timelines and digital media to create your plan.

Consider contacting Hydro Tasmania and requesting samples of community engagement newsletters, advertisements and other material they produce when planning a wind farm development.

Extension

1. Interview a Project Manager

Contact Hydro Tasmania to put you in touch with Project Managers who could visit your school.

Remember to start the interview welcoming the Project Manager and thanking them for giving of their time.

Begin by asking contextual questions such as where they work and how long they have worked there.

Important: *Prepare your questions and do your research prior to the Project Manager visiting your school.*

Decide from questions below and others you think are important.

Questions for consideration:

- What skills and experience do you need?
- What are your responsibilities?
- How many people do you manage?
- What type of roles do those people have?
- What does a typical day look like mid-construction?
- What is the most enjoyable or frustrating part of your job?
- How do you train to be a project manager?

2. Document the interview and present

Take notes during the interview, you may wish to record the interview (ensure you ask permission to do this first and explain what you will use the recording for).

You may choose to do the following:

- Create a poster that details the type of characteristics and experience needed to be a Project Manager.
- Write up the interview as a news piece to share with your class.
- Prepare a Power Point presentation with facts that you learnt and share.

3. Acknowledgement

Remember to always thank visitors for the time they spent with you or your class. You may choose to do this in the following ways:

- A verbal thank you after the interview.
- A written email expressing your gratitude.
- An invitation to return to the school to watch your presentation.
- Forward a copy of your poster or presentation.