

Group 1 Roles Information Card

Community Engagement Advisor

- **Day-to-Day Tasks:**
 - Organise community meetings and events to inform and involve local residents.
 - Address concerns and questions from the community about the project.
 - Develop and implement communication strategies to keep the community updated.
- **Ethical and Sustainable Practice:**
 - Ensure all community feedback is considered in project decisions to build trust and transparency.

Hydrographer

- **Day-to-Day Tasks:**
 - Measure and analyse water levels and flow in rivers and reservoirs.
 - Collect data on water quality and aquatic ecosystems.
 - Create maps and models of water bodies for project planning.
- **Ethical and Sustainable Practice:**
 - Monitor water usage to ensure it does not negatively impact local ecosystems or communities.

Structural Engineer

- **Day-to-Day Tasks:**
 - Design and oversee the construction of structures like dams and solar panel supports.
 - Conduct safety inspections of existing structures.
 - Solve engineering problems related to the project's infrastructure.
- **Ethical and Sustainable Practice:**
 - Use materials and designs that minimise environmental impact and ensure long-term safety.

Role 4:

Group 2 Roles Information Card

Indigenous Engagement Advisor

- **Day-to-Day Tasks:**
 - Consult with First Nations communities to incorporate their knowledge and traditions into the project.
 - Ensure the project respects cultural heritage sites.
 - Facilitate cultural awareness training for project staff.
- **Ethical and Sustainable Practice:**
 - Promote the inclusion of Aboriginal and Torres Strait Islander perspectives to ensure respectful and beneficial collaboration.

Site Engineer

- **Day-to-Day Tasks:**
 - Supervise construction activities to ensure they meet design specifications.
 - Coordinate with contractors and workers on site.
 - Troubleshoot and resolve any on-site issues.
- **Ethical and Sustainable Practice:**
 - Implement sustainable construction practices to minimise waste and environmental disturbance.

Conservation Officer

- **Day-to-Day Tasks:**
 - Monitor wildlife and plant species in and around the project area.
 - Develop conservation plans to protect local biodiversity.
 - Educate workers and the community about conservation efforts.
- **Ethical and Sustainable Practice:**
 - Ensure that project activities do not harm local wildlife or habitats.

Role 4:

Group 3 Roles Information Card

Occupational Health and Safety Practitioner

- **Day-to-Day Tasks:**
 - Conduct safety inspections and risk assessments on site.
 - Develop and enforce health and safety policies.
 - Provide safety training and resources to workers.
- **Ethical and Sustainable Practice:**
 - Ensure a safe working environment to prevent accidents and protect worker wellbeing.

Mechanical Engineer

- **Day-to-Day Tasks:**
 - Design and maintain mechanical systems for hydro pumps and solar panels.
 - Conduct performance tests and troubleshoot mechanical issues.
 - Oversee the installation of mechanical components.
- **Ethical and Sustainable Practice:**
 - Optimise mechanical systems for energy efficiency and minimal environmental impact.

Ecologist

- **Day-to-Day Tasks:**
 - Study and monitor the ecosystems affected by the project.
 - Develop plans to mitigate any negative environmental impacts.
 - Advise on environmentally friendly practices.
- **Ethical and Sustainable Practice:**
 - Promote biodiversity and protect natural habitats during and after project development.

Role 4:

Group 4 Roles Information Card

Public Relations Advisor

- **Day-to-Day Tasks:**
 - Manage the project's public image and media relations.
 - Create press releases and promotional materials.
 - Handle inquiries and communications with the media.
- **Ethical and Sustainable Practice:**
 - Communicate the project's environmental and community benefits clearly and transparently.

Solar Installer

- **Day-to-Day Tasks:**
 - Install and maintain solar panels on buildings or solar farms.
 - Ensure all electrical connections are safely and correctly made.
 - Perform regular inspections and maintenance of solar systems.
- **Ethical and Sustainable Practice:**
 - Use high-quality, durable materials to ensure long-term efficiency and minimal waste.

Meteorologist

- **Day-to-Day Tasks:**
 - Monitor and forecast weather conditions to optimise project operations.
 - Analyse climate data to inform project planning and design.
 - Provide weather updates to ensure safe working conditions.
- **Ethical and Sustainable Practice:**
 - Use weather data to minimise environmental impact and enhance project efficiency.

Role 4:

Group 5 Roles Information Card

Health and First Aid Officer

- **Day-to-Day Tasks:**
 - Provide first aid and medical assistance on site.
 - Train workers in basic first aid and emergency procedures.
 - Monitor the health and well-being of workers.
- **Ethical and Sustainable Practice:**
 - Ensure quick and effective medical responses to maintain a safe working environment.

Fluvial Geomorphologist

- **Day-to-Day Tasks:**
 - Study river systems and how they change over time.
 - Analyse sediment and water flow to inform project design.
 - Develop plans to manage erosion and sedimentation.
- **Ethical and Sustainable Practice:**
 - Ensure that project activities do not disrupt natural river processes and aquatic habitats.

Power Generation Engineer

- **Day-to-Day Tasks:**
 - Design and optimise systems for generating power from hydro or solar sources.
 - Monitor and analyse the performance of power generation systems.
 - Implement upgrades and repairs as needed.
- **Ethical and Sustainable Practice:**
 - Maximise efficiency and minimise emissions to reduce environmental impact.

Role 4:

Group 6 Roles Information Card

Training and Development Officer

- **Day-to-Day Tasks:**
 - Develop and deliver training programs for project staff.
 - Assess training needs and create relevant materials.
 - Monitor and evaluate the effectiveness of training programs.
- **Ethical and Sustainable Practice:**
 - Promote a culture of continuous learning and development to enhance project outcomes.

Electrician

- **Day-to-Day Tasks:**
 - Install and maintain electrical systems for hydro pumps and solar panels.
 - Troubleshoot and repair electrical issues.
 - Ensure all electrical work meets safety standards and regulations.
- **Ethical and Sustainable Practice:**
 - Use safe and energy-efficient practices and materials to reduce the project's carbon footprint.

Environmental Research Scientist

- **Day-to-Day Tasks:**
 - Conduct research on environmental impacts related to the project.
 - Analyse data and publish findings to inform project decisions.
 - Develop strategies to mitigate negative environmental effects.
- **Ethical and Sustainable Practice:**
 - Ensure that research is used to protect and preserve the environment throughout the project.

Role 4: