## Systematically minimise methane emissions

Engineer and design equipment to reduce emissions including:
- Minimising potential fugitive and venting sources;
- Optimising combustion and operational efficiency; and
- Equipment selection and consideration of future upgrades.

### Reduce methane emissions from flaring

- Eliminate or reduce flaring wherever feasible.
- Where flaring is necessary, maximise its combustion efficiency.
- Check your flare systems are operating according to design.

### Reduce methane emissions that result from energy use

- Use smart metering and controls to reduce end-user energy use and emissions (e.g. gas turbines and boilers).
- Maintain gas fired equipment to operate according to design.
- When replacing equipment, update with the latest proven energy efficient models.
- Consider upgrading to continuous or predictive emissions monitoring.

### Reduce methane emissions related to operational repairs

- Make reducing emissions a key aim of your repair planning.
- Plan and make repairs promptly and safely.
- Verify repairs are successful through follow-up leak monitoring surveys.
- When depressurising equipment minimise venting by recycling or flaring where feasible.

### Reduce methane emissions that result from equipment leaks

- Systematically perform fugitive inspections and prioritise repairs.
- Build your fugitive inspection and repair capability and skills, including operator discipline.
- Consider new technology e.g. detection, quantification, condition monitoring and predictive maintenance.
- Consider modern, high integrity materials and jointing technology when constructing downstream distribution networks.

### Reduce methane emissions from fugitives and wells

- Systematically improve methane management
- Optimise emissions monitoring frequency in operations and maintenance programs.
- Incorporate emission reduction considerations into overall business and operating strategies.
- Share learnings within your company and across the natural gas industry.
- Phase-in use of the latest proven lower emission technology and approaches where practical.
- Regularly review the scope, quality and frequency of emissions reporting.