

# our responsibility:

We care about reducing our impact to air, water and land. Our environmental management system ensures that our activities comply with our policies and procedures, applicable regulations and industry best practice.

## AIR EMISSIONS

We continually look for ways to reduce our air emissions and improve our energy efficiency.

In 2015, we focused on increasing the number of inspections in our fugitive emissions management program, reducing the amount of gas that we flared to atmosphere and improving our operational efficiency. This

focus resulted in a 25% reduction in our flaring emissions and a 19% reduction of our total greenhouse gas (GHG) emissions.

We are in the process of developing our GHG Management Strategy and maintaining our focus on reducing methane emissions.

## WATER

Water is a necessary resource in oil and natural gas development. When we design and operate our facilities, we continually look for ways to reduce our water use and preserve water quality.

Access to adequate water supply is important for all of our operational phases including exploration, development and operations.

Our Water Security Management Plan helps us understand water issues around our operations and identifies risks and opportunities for alternatives to freshwater use. Our Water Source Decision Tool ensures that we evaluate all water source options before considering the use of freshwater.

## ENVIRONMENTAL FOOTPRINT

We work to minimize our environmental impact to the lands that we develop and operate.

Early in our planning process, we conduct pre-disturbance assessments to identify and avoid sensitive environmental features and critical habitat for threatened or endangered species. With this information, we then design our operations so that impacts to local flora, fauna and habitats are minimized.

At the end of our operations, we decommission the site and work to re-establish the land to pre-disturbance conditions. This is called

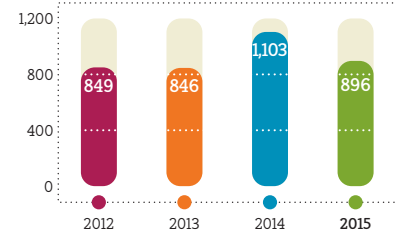
the reclamation phase which can take seven to ten years to complete. In 2015, we had 345 active reclamation projects and submitted 32 reclamation certificate applications to regulators.

We also tested a new waterjet cutting technology to minimize the environmental impact that occurs when abandoning a well. This new technology will also reduce the time required to reclaim a site.

## 💡 did you know?

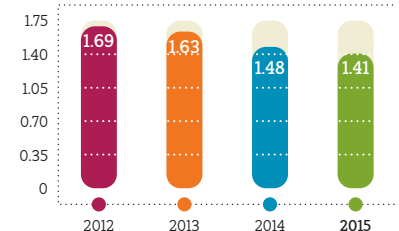
The hydraulic fracturing technique first began more than 60 years ago

### DIRECT & INDIRECT EMISSIONS (000s CO<sub>2</sub>e)



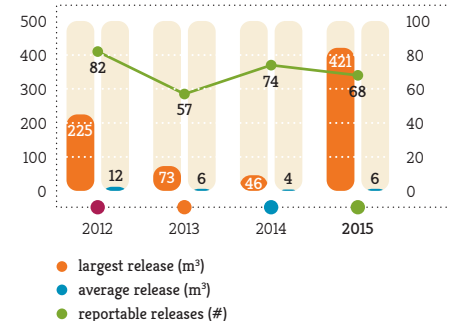
We decreased our total emissions by 19%.

### FRESHWATER USE (million m<sup>3</sup>/yr)



Freshwater consumption was reduced by 5%.

### ENVIRONMENTAL RELEASES



The number of reportable releases decreased, however our average release volume increased, making it an area we will continue to focus on.