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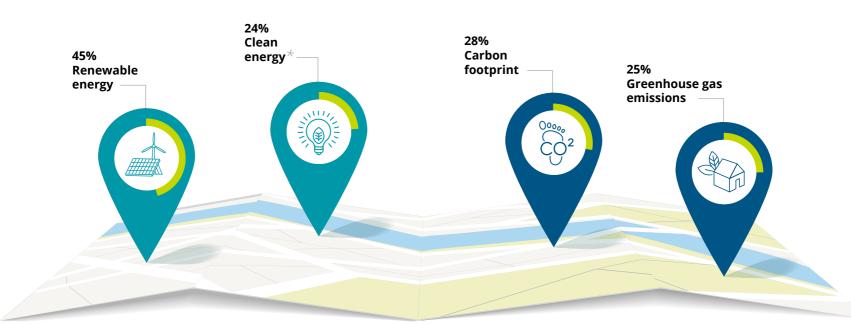
The transition to renewable energy: Drivers, goals, and strategies

Even in the absence of a national climate change policy, US organizations are moving forward with ambitious plans for transitioning to renewable energy. Based on the findings of Deloitte's 100 Percent Renewable Transition Survey, this infographic explores the drivers, obstacles, and accelerators that organizations face in their renewables journey.

Goal-setting starts the journey

More than two-thirds of organizations surveyed are setting clean energy* goals for their electricity use:

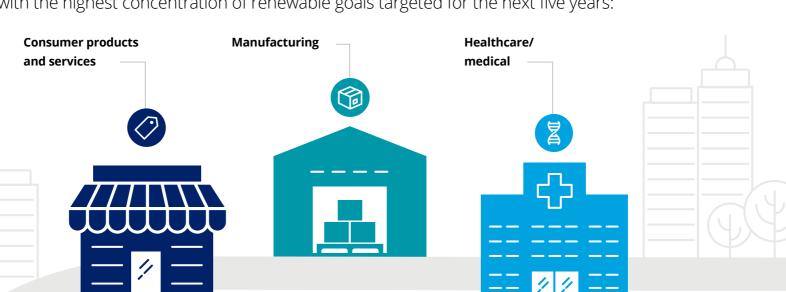
A quarter or more reported emissions reduction goals, which will also likely boost renewable energy:



*Clean energy typically includes renewables plus other carbon-free sources such as nuclear energy.

Who are the most ambitious goal-setters?

Industries with the highest concentration of renewable goals targeted for the next five years:



Clean energy goals are driven by cost-cutting and environmental considerations

What's driving organizations to transition?

Cost-cutting

government **Consumer products**

Who is most driven by this

Education and

and services

Sustainability/

reduce environmental impact/reduce carbon footprint Who is most driven by this

Healthcare/medical

Energy supply diversity

Who is most driven by this

Industrials







The pressure to transition is





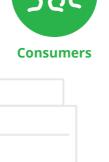
















Electrify new end uses

and power them with

renewable energy



As organizations transition to cleaner energy, they often follow three steps: Increase renewable **Reduce electricity use** and boost efficiency share in energy mix

from aspiration to destination?

How can organizations move



Difficulty in attracting, training, and retaining talent with the right skills

Lack of available

resources

renewable energy

As well as enablers of success

Electric vehicles (EV) too costly

Complexity of energy markets to procure

renewables

Intermittent renewable

sources, such as wind and

solar, require backup power Lack of experience/ knowledge about energy sources and markets

Biggest enablers in the transition are **leadership**, **tracking**, and **internal alignment**:

Alignment with Clear metrics to CEO/

progress

track and report

Another critical enabler is coordination with electric utilities (17.5%), which can play many roles:

Resource

provider

leadership

commitment

Performance

enabler

Ally

Value-add

executive goals

and compensation



Mediator **Integrator** enabler

Influencer

Putting the pedal to the metal To accelerate the move to 100% More renewable renewables, many organizations need resource **Technological** more access to renewables and availability advances changes in the broader ecosystem Policy or regulatory changes

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Source: Deloitte, Renewable Energy Transition Survey, 2019

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