

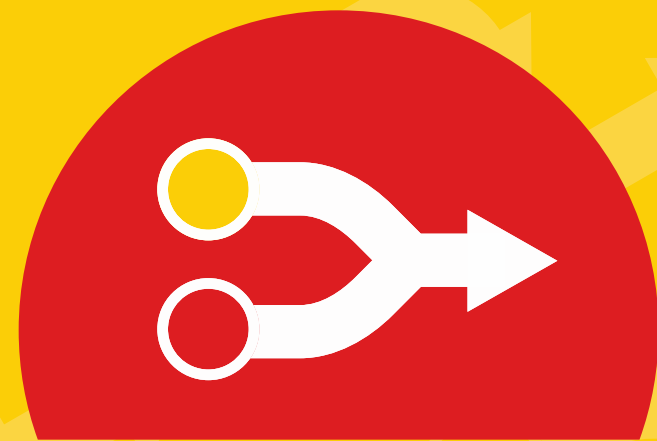


Shell Catalysts & Technologies

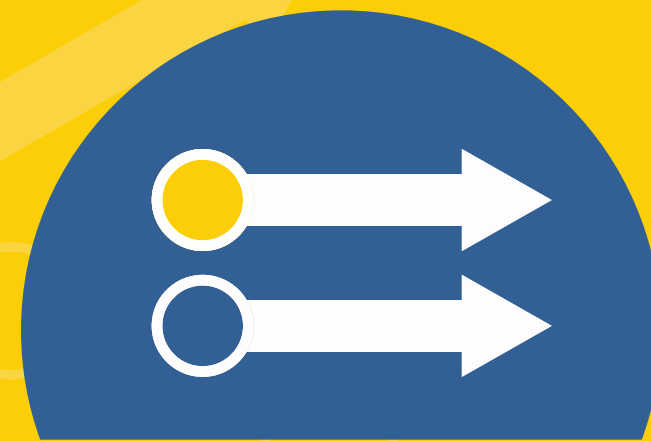
Unlock access to resources and knowledge

with a Shell Catalysts &
Technologies partnership

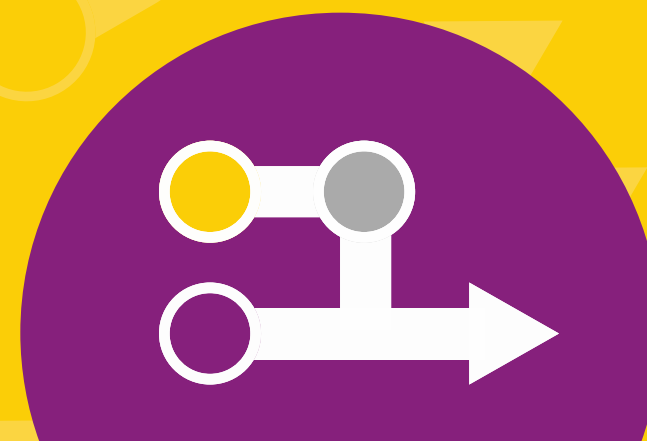




Joint development
partnerships



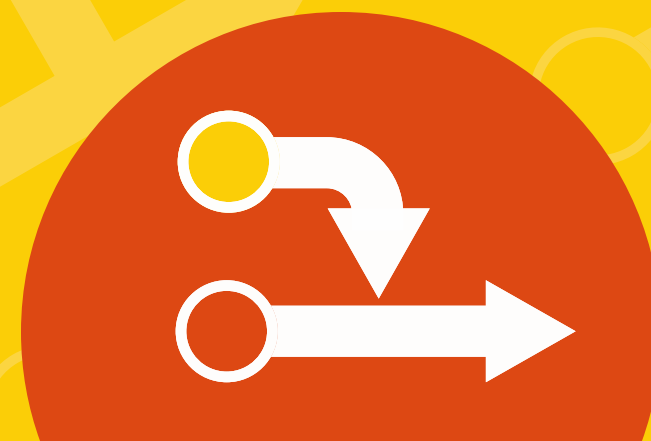
Collaborative
partnerships



Sublicensing Shell
technology to a
customer



Sublicensing tech
through Shell Catalysts
& Technologies



Intellectual property
divestment

Five types of partnerships

Shell Catalysts & Technologies has a rich history of partnering with other companies to develop new products, sublicense technologies and utilise our unique knowledge bases to support decarbonisation efforts worldwide. Our access to research and development resources and deep bench of decarbonisation technology and products make us a strong partner for developing new and innovative products.

Our team works closely with each of our partners to determine the most beneficial partnership for both parties and the industry as a whole. Explore five different types of partnerships and provided examples for each.

Partnership type

Joint development partnerships

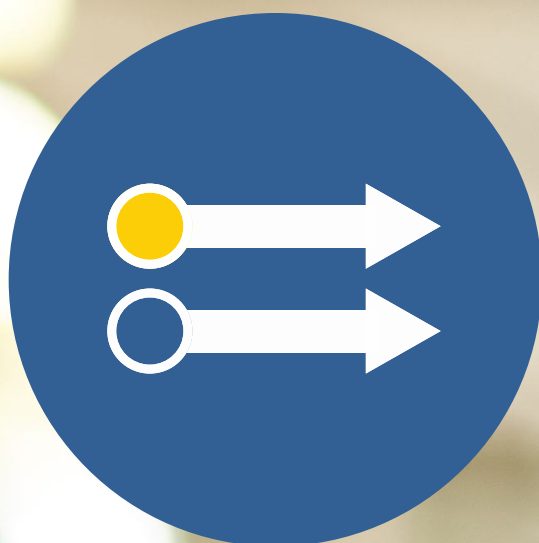
Both parties bring background knowledge or intellectual property to the table, and we work together to develop new offerings.

 [Tell us about your project](#)

Example

Shell and C3 AI expanded collaboration for asset monitoring and predictive maintenance: C3 AI expanded their Reliability AI application to include predictive maintenance software developed by Shell.





Partnership type

Collaborative partnerships

Both parties bring background intellectual property that is synergistic with each other. The intellectual property remains with the inventor in these partnerships, allowing us to offer a wider collaborative offering while each party maintains their own intellectual property.



Let's discuss collaboration opportunities

Example

Shell and MAN Energy Solutions strengthened our relationship with a pilot plant for the development of RWGS technology: Shell Global Solutions International B.V and MAN Energy Solutions partnered to develop Reverse Water Gas Shift (RWGS) technology in 2021, and in early 2023 a jointly designed and operated pilot plant was started up at the MAN facilities in Deggendorf, Germany.

Partnership type

Sublicensing Shell technology to a customer

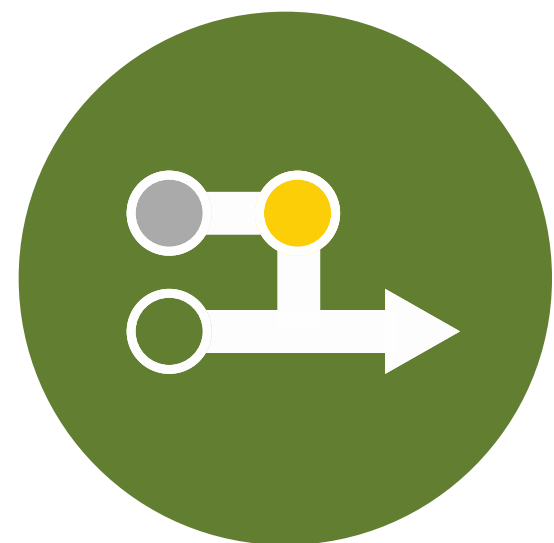
Another party sublicenses Shell technology to a customer while Shell maintains ownership of the intellectual property.

💡 Let's discuss sublicensing opportunities

Example

Shell Catalysts & Technologies and Technip Energies strengthened our strategic alliance to address growing CCS demand: Shell Catalysts & Technologies and Technip Energies built on our successful track record of collaboration by strengthening our strategic alliance, which aims to drive cost-effective, large-scale carbon capture and storage (CCS) projects by providing a combination of state-of-the-art technology and project management excellence.





Partnership type

Sublicensing tech to customers through Shell Catalysts & Technologies

Shell Catalysts & Technologies sublicenses technology from a third party and acts as the authorized licensor on their behalf to the customer.

 [Tell us about your product](#)

Example

Shell sublicensed GTI Energy's IH2® technology for producing alternative transportation fuels from renewable resources: GTI Energy invented, tested, and patented the fully integrated IH2® technology, a catalytic thermo-chemical process that converts non-food biomass feedstocks, such as wood, agricultural residues, algae, aquatic plants, and municipal waste, directly into SAF, and has an exclusive worldwide licensing agreement with Shell Catalysts & Technologies.

Partnership type

Intellectual property divestment

Shell Catalysts & Technologies sells a Shell IP to a customer for their future use.

➞ Let's discuss IP transfer opportunities

Example

Shell sold propanediol technology to Zimmer Polymer Technologies. When Shell Catalysts & Technologies decides to divest in a product or technology, we develop a strategic divestment partnership with a company that has the resources to utilize the intellectual property. In these partnerships, background knowledge, patents, hardware, and any other necessary resources are transferred to the partner.



Ready to get started?

Reach out to Shell Catalysts & Technologies New Business Development team to discuss which partnership model will benefit your business.

 [Speak to an expert](#)