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Drafting a National Vision on Sustainable Carbon Chemistry in the Netherlands

Carbon is fundamental building block for the chemical industry for products such as plastics, coatings, detergents and medical products. This carbon now comes primarily from fossil resources, oil and gas. To secure future earning power and reduce strategic dependencies, use of fossil resources will need to be phased out as much as possible. The use of carbon from sustainable sources contributes to a climate neutral and circular economy as well as increased strategic autonomy. Sustainable sources of carbon include secondary raw materials, sustainable biomass and CO₂. What a climate neutral and circular chemical industry will look like, and the path to get there, is still unclear. For that purpose, the Dutch government is currently developing a vision and pathway to sustainable carbon use in the chemical industry.