# **Supply Chain Explorer**

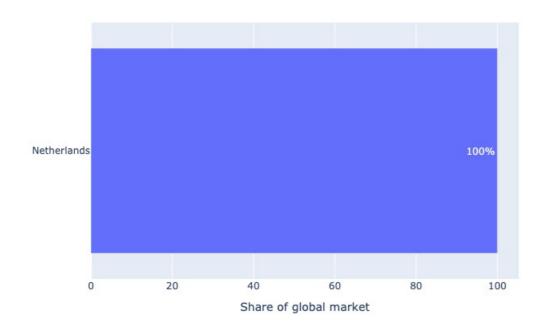
### By the Emerging Technology Observatory

This is an export from the ETO Supply Chain Explorer, available at: <a href="https://TBD.cset.tech">https://TBD.cset.tech</a> You can see the web version of this content at <a href="https://TBD.cset.tech/?filter-choose=input-resource-N20">https://TBD.cset.tech/?filter-choose=input-resource-N20</a>.

## **EUV** scanners

EUV scanners are the most advanced photolithography equipment currently used in mass semiconductor production. They are the only tools combining leading-edge precision (by producing light with small wavelengths) with high throughput (by using photomasks), and are necessary for mass-producing the most advanced logic chips. They are exclusively built by the Dutch firm ASML. A single EUV scanner costs well over \$100 million, ships in 40 freight containers and contains about 100,000 individual parts.

### **Country provision**



## Notable supplier companies

• ASML - Netherlands