Next phase for new nuclear power in Sweden

CET 2026
Oskarshamn, Sep 29, 2026

Carl Berglöf, National Nuclear New-build Coordinator
Inquiry assigned by the Ministry of Climate and Enterprise

The nuclear power policy evolution

Urgent necessity

Market-based

Freedom of choice

Regulated

100% fossil free
Law on nuclear investments
Law on Governmental approval

Climate crisis
Energy crisis
Geopolitical uncertainty
COP28: Accelerate nuclear
Tripling nuclear: 39 countries
NB8: 7 countries considering nuclear

Referendum, 1980

Phase-out by 2010

Phase-out postponed
Replacement units allowed

EU taxonomy
IAEA Atoms4Climate
IPCC 1,5 degree report

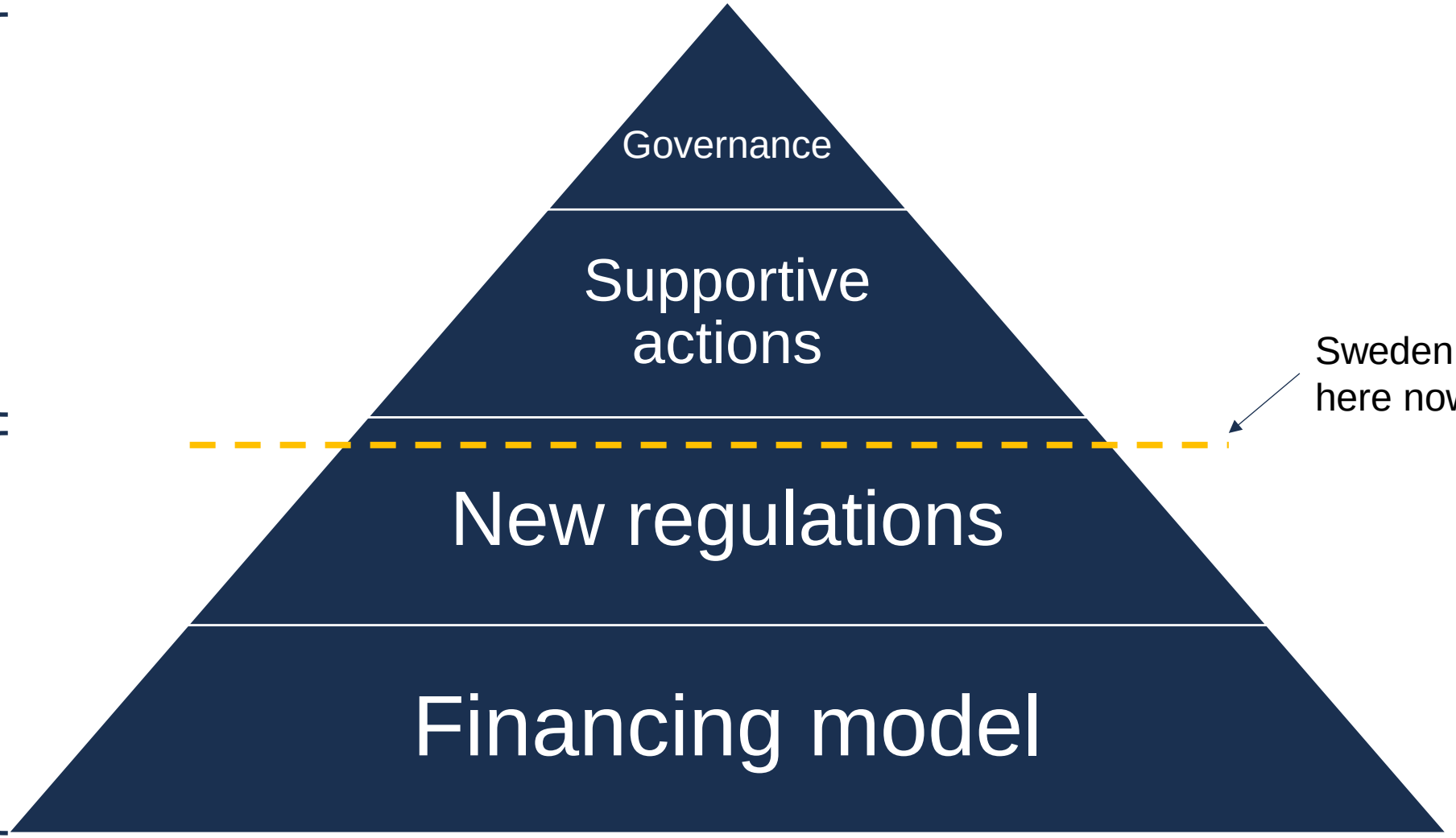
100% RES by 2040

Law on nuclear phase-out, 1997

Creating the right conditions

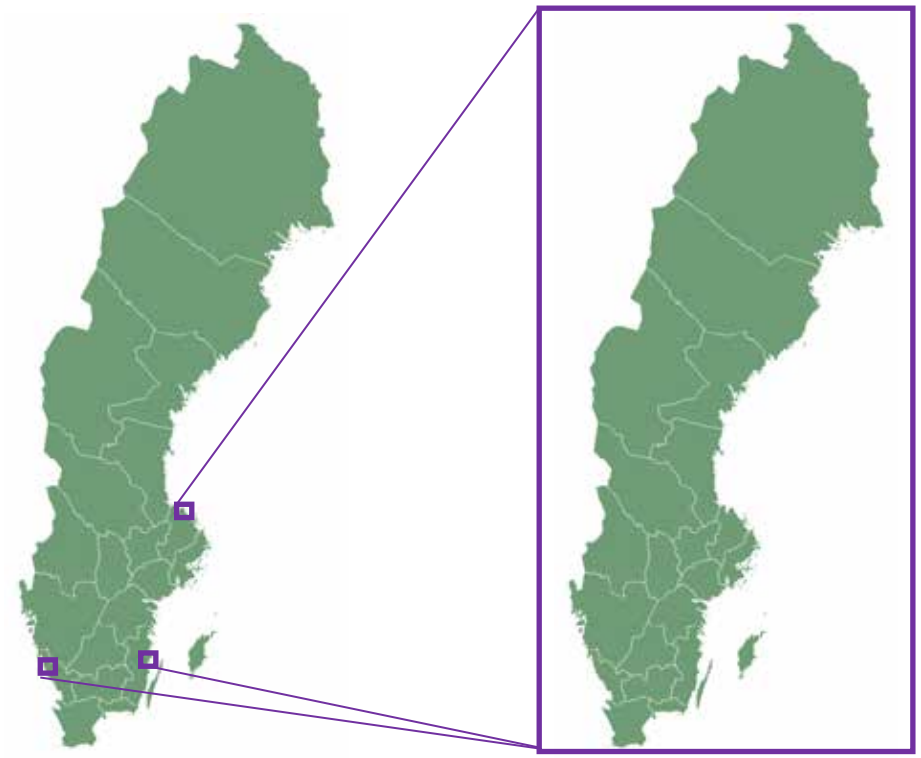
Programme efficiency

Basic conditions



Sweden is here now

A new market is being created



2022: Approval only at existing sites

2026: New reactors may be approved at any location

Financing model

New licensing process

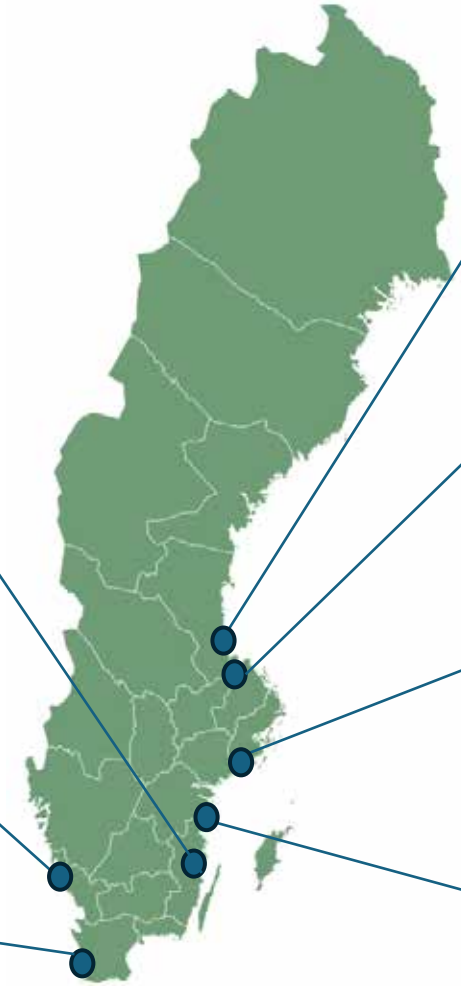
- Applications for new sites filed
- The supply chain is mobilising
- Financial institutions are indicating interest

Applications filed for seven projects

Fortum / NuCore
Ävrö, Oskarshamn,
1200 - 3400 MW

Videberg Kraft AB
Värö, Ringhals, 1500 MW

NNE, Nordic Baseload Power AB
Barsebäck, 2500 MW



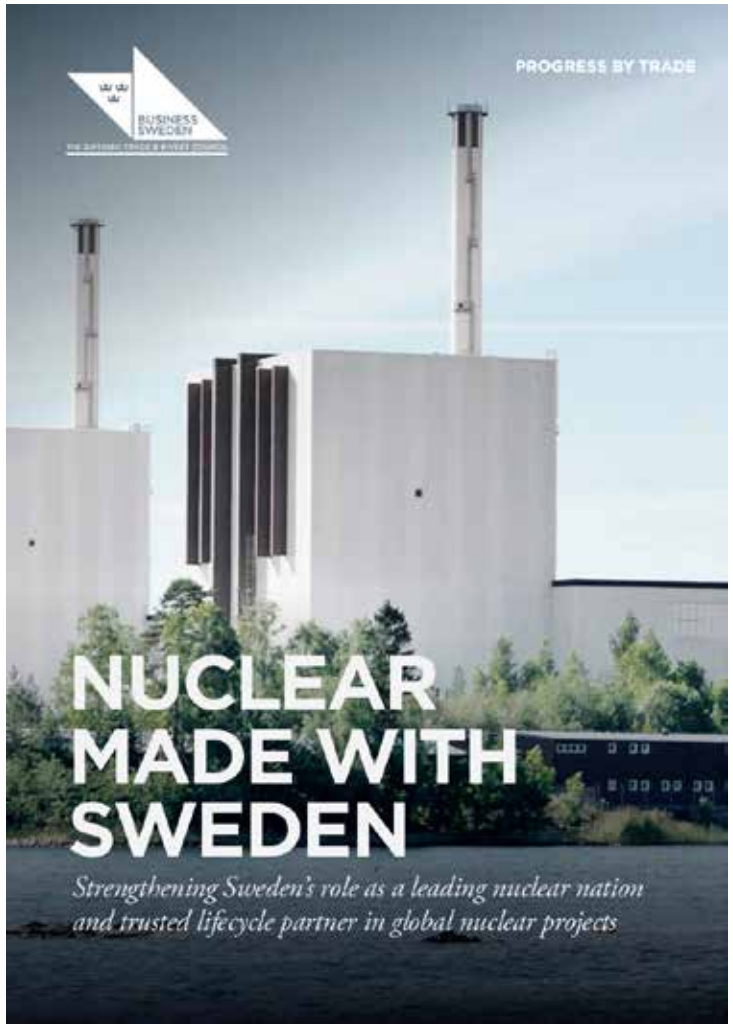
Blykalla
Norrsundet, Gävle
330 MW

Blykalla
Untra, Tierp
440 MW

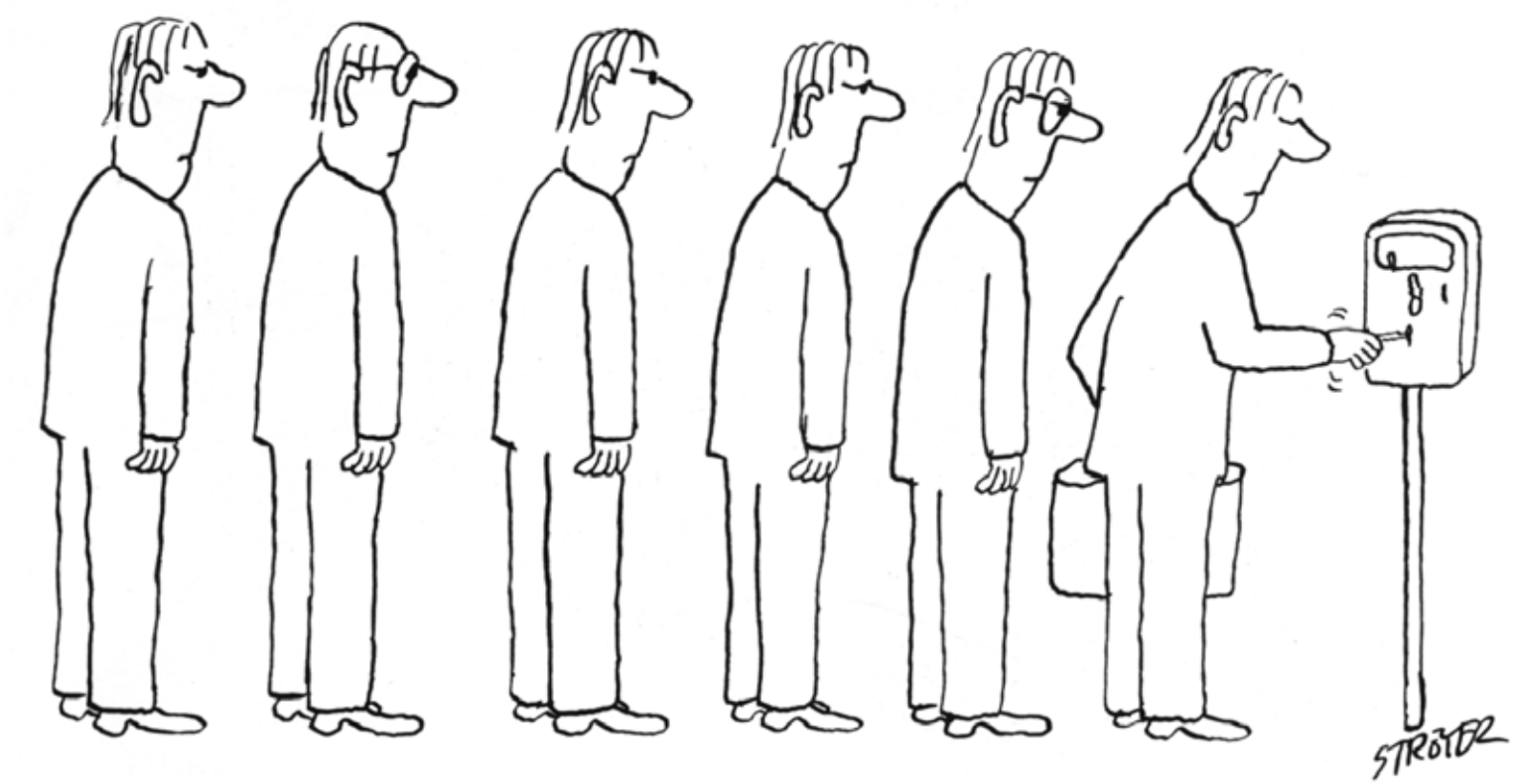
Studsvik
Studsvik, Nyköping
600-1400 MW

Studsvik / Kärnfull Next
Valdemarsvik
1200-1600 MW

Recent studies



Things can be done more efficiently…



Kontrollör som kontrollerar kontrollör som kontrollerar kontrollör som kontrollerar kontrollör som kontrollerar kontrollör som kontrollerar tömning av p-mätare.

Poul Ströyer, 1982

Message to the next government

Dagens industri

Kärnkraftsplaner öppnar för ”ny biljonindustri” i Sverige

Planerna på ny kärnkraft i Sverige öppnar för uppdrag värda över 1.000 miljarder kronor. Men både näringslivet och politikerna uppmanas nu att agera snabbt för att svenska företag ska kunna bli vinnare.

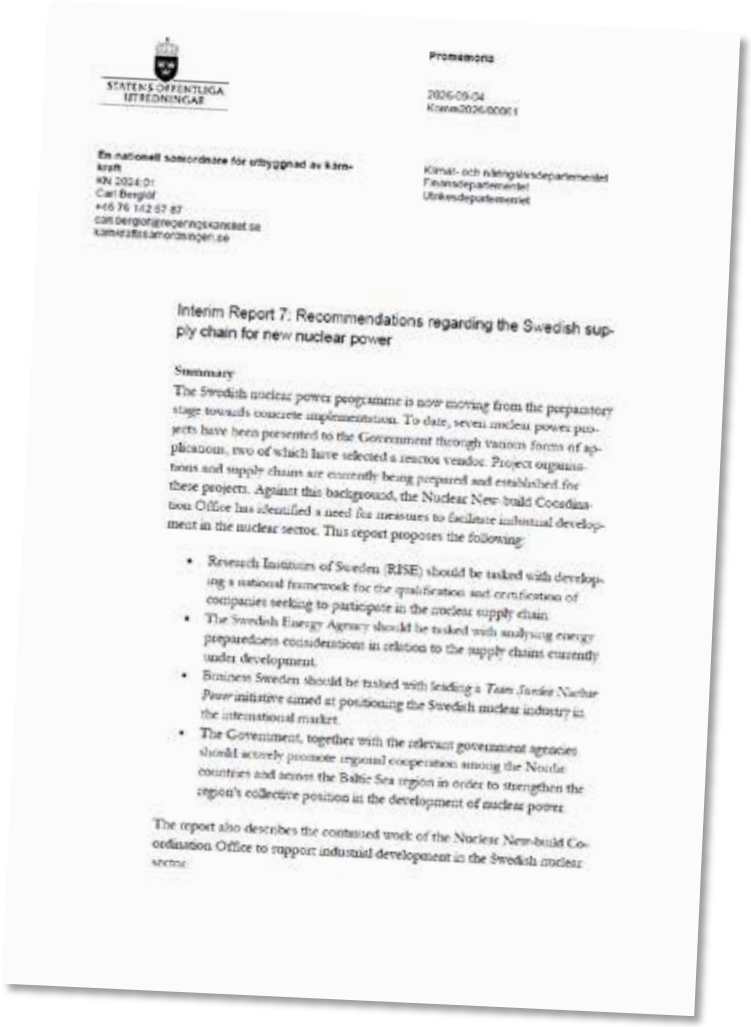
"Det är en ny biljonindustri som just nu växer fram i Sverige", säger Carl Berglöf, nationell samordnare för utbyggnad av kärnkraft.

Publicerad: 10 september 2026, 19:25 Spara

”Move nuclear power from energy policy to industrial policy”

Seven reports to the Government

karnkraftssamordningen.se



STATENS OFFENTLIGA UTREDNINGAR

Promemoria

2026-09-04
Klimat2026/00061

En nationell samordnare för utbyggnad av kärnkraft
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Klimat- och näringslivsdepartementet
Finansdepartementet
Utrikesdepartementet

Interim Report 7: Recommendations regarding the Swedish supply chain for new nuclear power

Summary

The Swedish nuclear power programme is now moving from the preparatory stage towards concrete implementation. To date, seven nuclear power projects have been presented to the Government through various forms of application, two of which have selected a reactor vendor. Project organisations and supply chains are currently being prepared and established for these projects. Against this background, the Nuclear New-build Coordination Office has identified a need for measures to facilitate industrial development in the nuclear sector. This report proposes the following:

- Research Institutes of Sweden (RISE) should be tasked with developing a national framework for the qualification and certification of companies seeking to participate in the nuclear supply chain.
- The Swedish Energy Agency should be tasked with analysing energy preparedness considerations in relation to the supply chains currently under development.
- Business Sweden should be tasked with leading a *Team Sweden Nuclear Power* initiative aimed at positioning the Swedish nuclear industry in the international market.
- The Government, together with the relevant government agencies should actively promote regional cooperation among the Nordic countries and across the Baltic Sea region in order to strengthen the region's collective position in the development of nuclear power.

The report also describes the continued work of the Nuclear New-build Coordination Office to support industrial development in the Swedish nuclear sector.

SWEDISH GOVERNMENT INQUIRIES

A national coordinator for the expansion of nuclear energy