Memo to the commissioner responsible for energy

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The great momentum in Europe's energy transition must continue during your mandate. Electrification is the primary tool for reaching climate targets. Fortunately, you take office against a backdrop of huge global innovation and cost reduction in clean technologies. Your first challenge will be to ensure security of energy supply as electrification raises questions about infrastructure and cyber-security risks. You will also need to deploy efficient frameworks, including a European fund, to ensure the necessary green investments are made, particularly in European electricity grids.

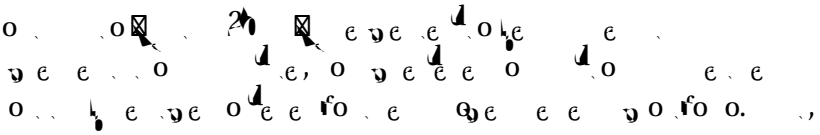
You should work with national capitals to eliminate remaining energy imports from Russia. You should lead negotiations on the 2040 climate targets, which would see EU emissions falling by 90 percent compared to 1990. Finally, you should propose a European Energy Agency to deliver the better data policymakers and investors need to better understand Europe's energy transition.

Resolve electrification infrastructure issues

Promote investment, especially in grids

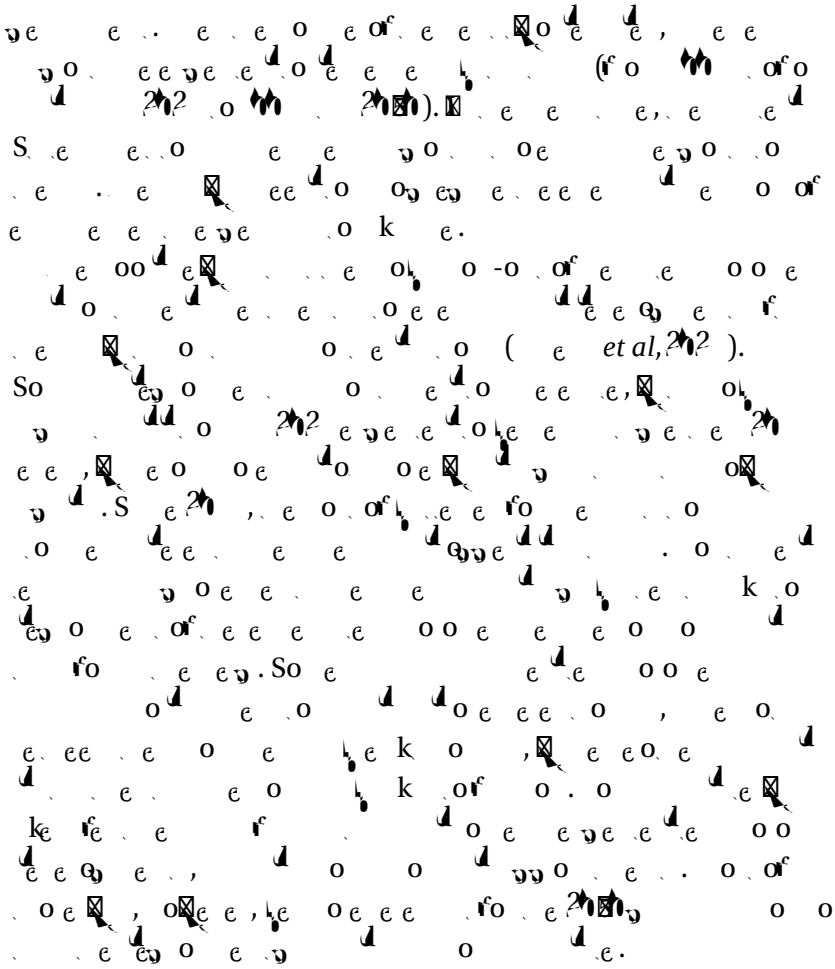
Exit the energy trade with Russia

State of affairs

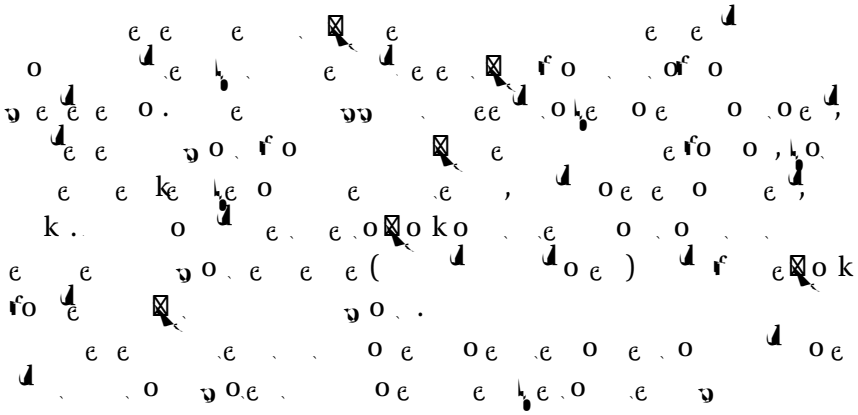


Cross-border networks are too limited, some power plant dispatch is still ine f cient and there is little-to-no regional coordination

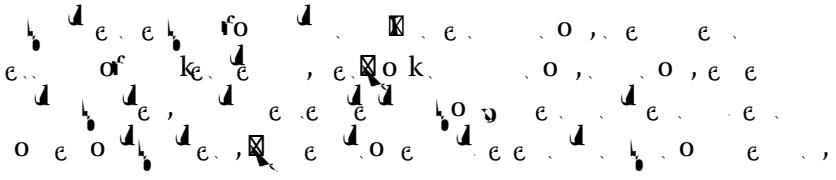
The global roll-out of clean technologies and continued investment into R&D gift the EU with continuing cost reductions

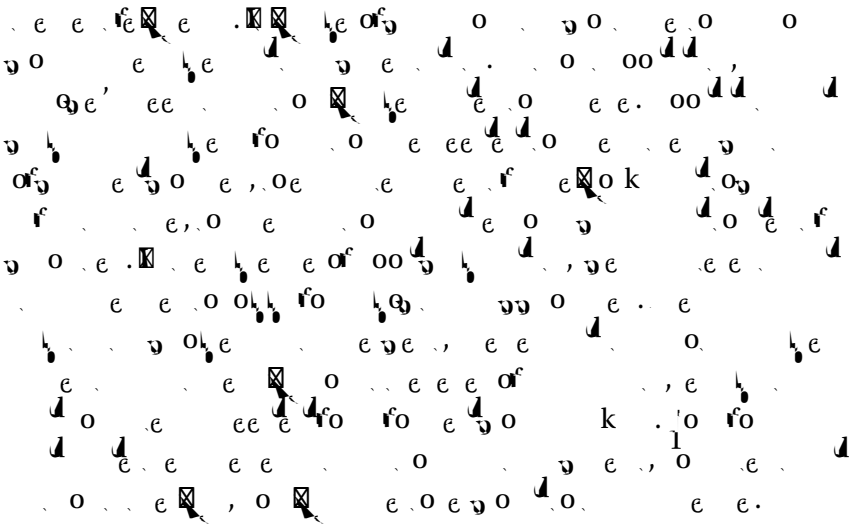


Challenges



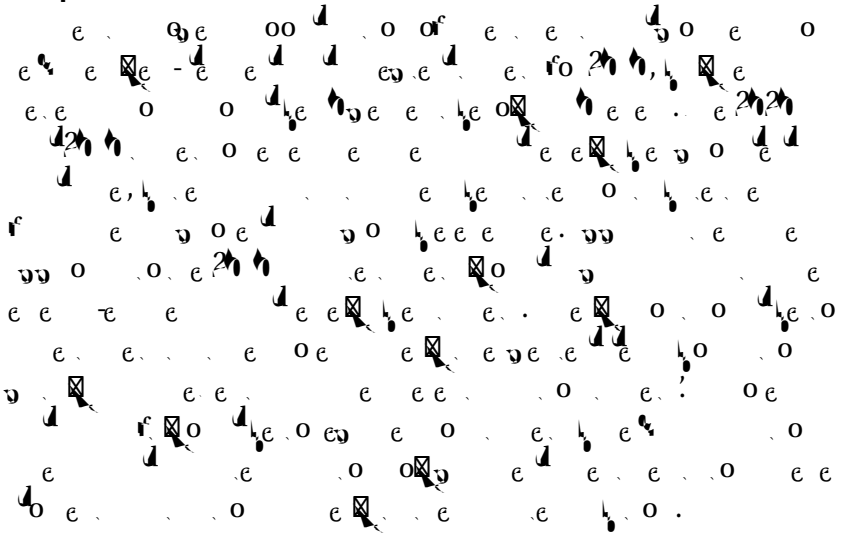
To ensure a managed, cost-e f cient transition, Europe must synchronise electricity supply and demand growth



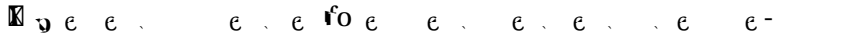


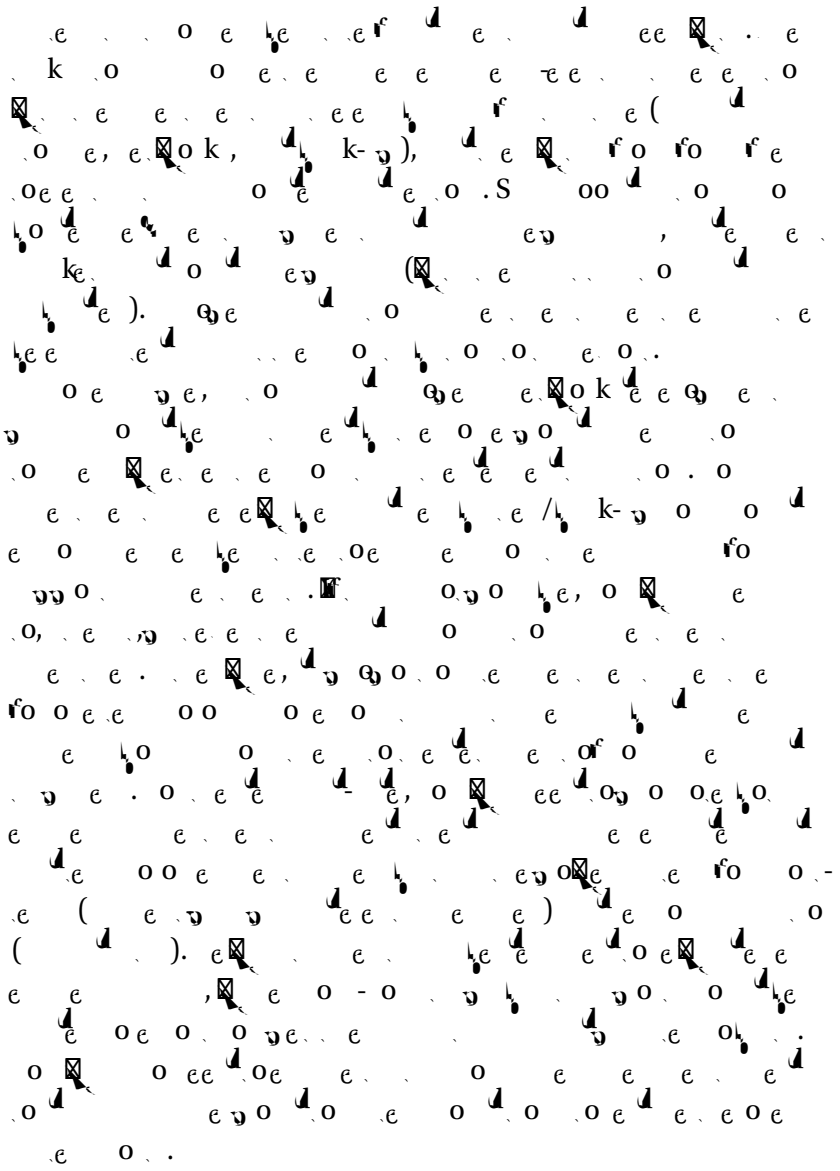
Recommendations

Prepare to become ‘Fit for 90’



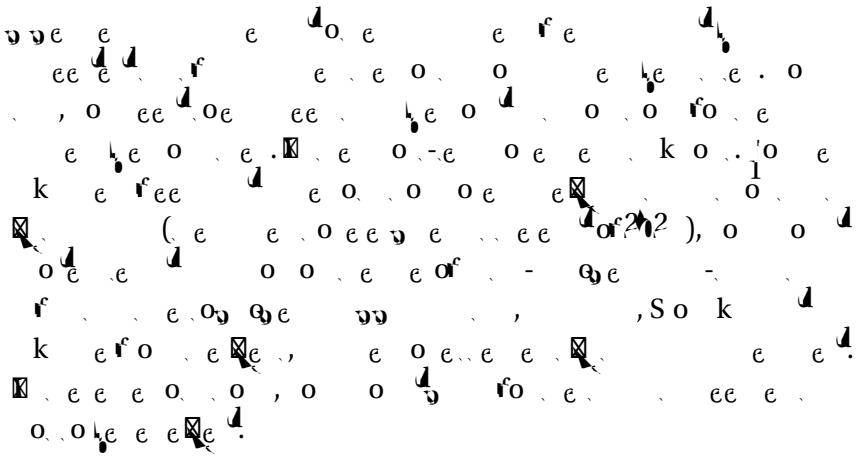
Coordinate member-state investments in clean electrification





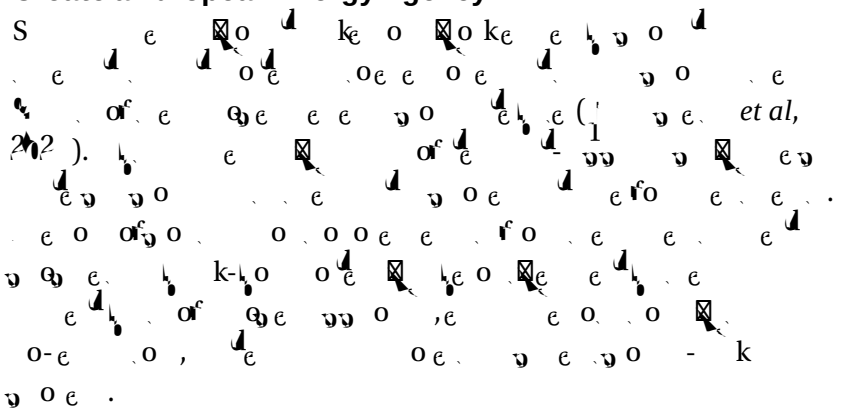
Launch an EU Grids Fund

You should work with other commissioners on a European fund to invest in electricity grids



Create a European Energy Agency

Early warnings of demand-supply gaps will help underpin policy initiatives and improve guidance for investments



References

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[illegible] *Energy Research & Social Science* [illegible]

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[illegible] *Policy Brief* [illegible]