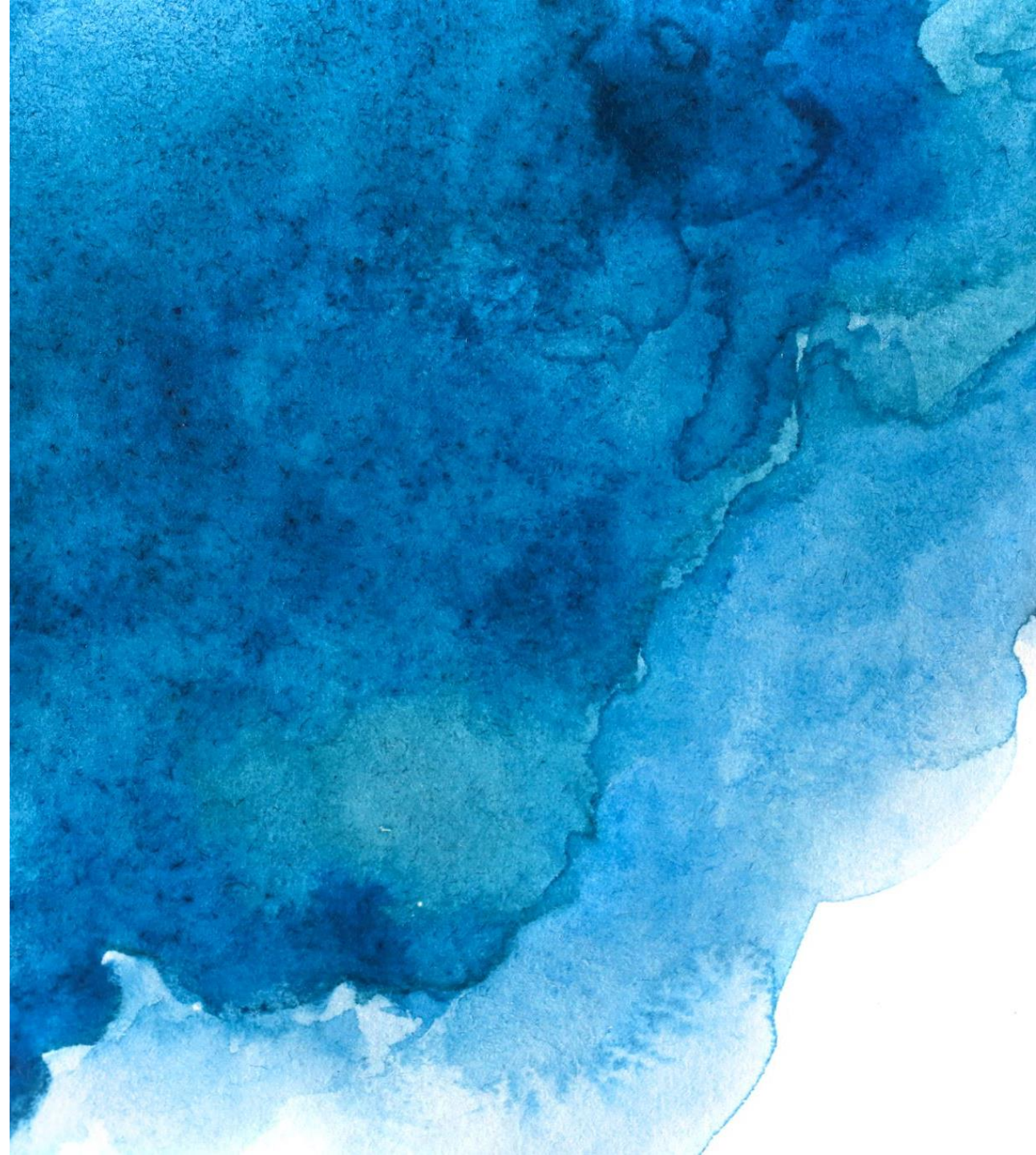


Charalampos Theopemptou

Fit for 55



Fit for 55 - Measures

Revision of the EU Emissions Trading System (ETS) – Objective is to lower the cap on greenhouse gas emissions more rapidly, increase the annual rate of reduction, and expand the ETS to cover the maritime sector. From 2023 onwards will include the maritime sector.

ETS II - new emissions trading system for fuel distribution for road transport and buildings proposed to start by 2026.

Revision of the Land Use, Land Use Change, and Forestry (LULUCF) Regulation - This involves increasing the EU's carbon sink target, with an aim to remove more CO₂ from the atmosphere through enhanced natural absorption. Cyprus is to plant 3m trees by **2030** ~ 1300 trees /day for the next 6 years!

Renewable Energy Directive (RED): The target for renewable energy use across the EU will be increased to ensure that 40% of energy consumed by 2030 comes from renewable sources. By **2027** all new buildings should have renewable energy system installed

Fit for 55 - Measures

Energy Efficiency Directive (EED) - The directive will be revised to increase the binding annual target for reducing energy consumption at the EU level

Carbon Border Adjustment Mechanism (CBAM): This measure is intended to prevent carbon leakage by imposing a carbon price on imports of certain goods from outside the EU. The mechanism is expected to be phased in from 2023, with full implementation by 2026.

ReFuelEU Aviation and FuelEU Maritime: Increase the use of sustainable fuels in aviation and maritime transport.

Revision of the Energy Taxation Directive (ETD) – Update of the relevant Directive in order to align taxation of energy products with EU energy and climate policies, removing exemptions and outdated provisions. No more fuel subsidies... Troodos?

Revised Regulation on the Deployment of Alternative Fuels Infrastructure - deployment of charging stations for electric vehicles and refueling stations for alternative fuels every 60km.

Fit for 55 - Measures

Revised Vehicle Emission Standards – Introduction of stricter emission standards for cars and vans, aiming for a significant reduction in vehicle emissions by **2030**.

Energy performance of Buildings – **2028** all new government buildings to be Zero Emissions Buildings this means no more fossil fuel heating systems. **2030** All new and renovated buildings to be Zero Emissions Buildings. By **2050** All the existing buildings in the country should be converted to be Zero Emissions Buildings Approx. 15000 buildings/year if we start today! By end of 2024 all buildings with more than 20 parking spots should install a charging point.

Farm to fork policy – Minimise use of chemicals in agriculture, more organic farming and increase profit of farmers by eliminating the middle man.

Car Technology – Intelligent transport systems .. **IoT** in cars, **Emergency Lane keeping systems**, **E-call** in all cars, **proximity** sensors, **speed limit control**, no fossil fuel cars by **2035**



Fit for 55 - Measures

Also

Energy Efficiency Directive

Effort sharing regulation

EU nature restoration regulation

EU green strategic autonomy

Waste Framework Directive