



FLUECHEM

Marine Solutions

UREA GENERATOR

BY FLUECHEM

**SAVE MONEY.
REDUCE EMISSIONS.
STAY COMPLIANT.**

The innovative **UreaGenerator** by Fluechem is a cost-effective, market leading solution, that allows ship owners to blend their own urea solutions (AUS40) onboard. Providing security of supply with material cost savings whilst reducing environmental emissions even further.



fluechem.com

SAVE MONEY

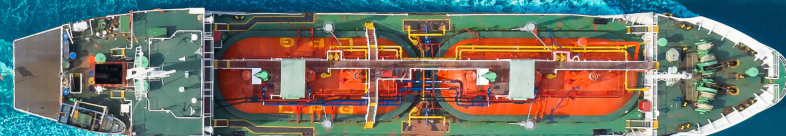
Generating AUS40 onboard
reduces costs when compared to a
conventional supply chain model

REDUCE EMISSIONS

Reduced logistics creates a more
environmentally friendly solution
lowering CO2 emissions

STAY COMPLIANT

Having ISO standard AUS40 onboard
when you need it, allows compliance
whatever the logistical challenges



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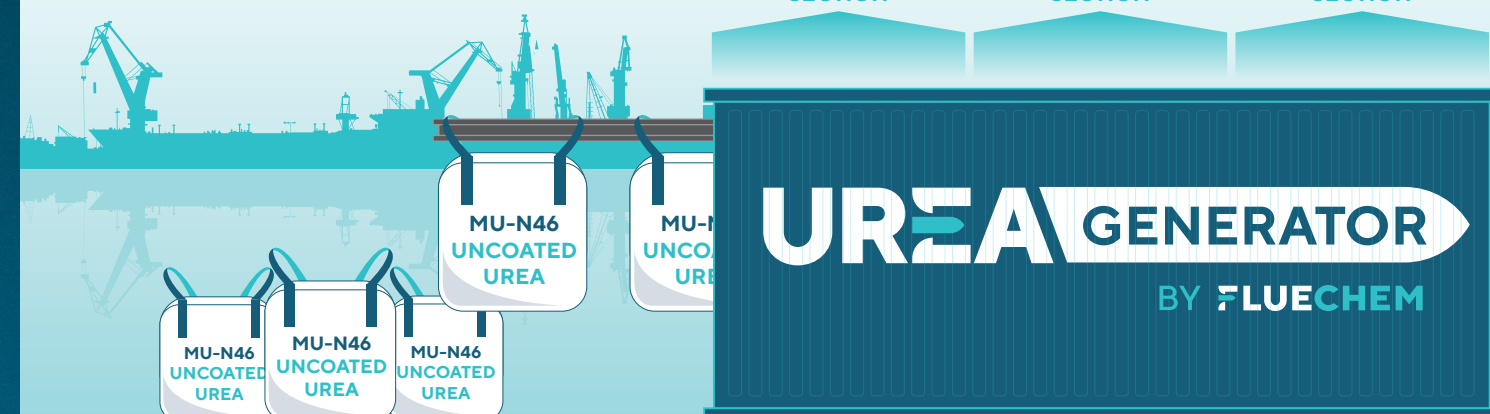
LOADING
SECTION



PRODUCTION
SECTION

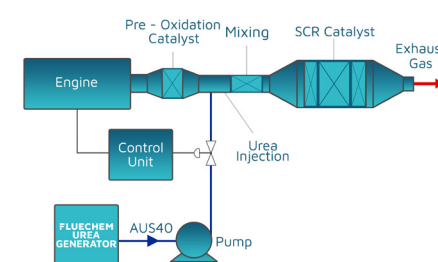


ENERGY
SECTION



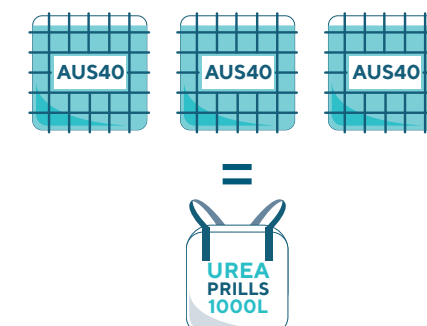
HOW IT WORKS

The UreaGenerator system blends AUS40 to the ISO18611 standard whilst reducing costs and adhering to IMO Tier 3 requirements. The proven and patented technology for the marine sector enables users to blend dry Urea prills and eliminates the need to dedicate large amounts of space to AUS40 solution storage tanks. By blending AUS40 on board as and when you need it, means ship owners can increase revenue whilst reducing NOx emissions to stay compliant and protect the environment and their profits.



WHY IT IS SO EFFECTIVE

The UreaGenerator is so effective as unlike AUS40, dry urea prills can be procured in virtually any country and take up far less space than the large tanks that contain the blended product. As AUS40 is a solution that is 60% water, it makes sense to lift this directly from the sea and not waste money buying in advance. This also makes for a more environmentally friendly solution due to the huge reduction in transportation fees or the risk of the solution spoiling.



HOW WE INSTALL

Our team of engineers can work with you to install the UreaGenerator quickly and efficiently whilst the vessel remains in service without any downtime or at any global port or shipyard.

The manual or semi-automatic unit is designed with minimal interfaces but can be fully integrated into your current control system.



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BENEFITS

60%

COST SAVINGS

Procuring urea prills as opposed to the supply of water based AUS40 solution reduces expenditure and can save up to 60% on OPEX costs

50%

SPACE SAVING

The Fluechem UreaGenerator reduces the requirements for having a large AUS40 stock onboard meaning up to 50% of space and weight savings can be achieved.

110%

GREENER

Lower CO2 and other emissions through the procurement of dry urea prills and reduced transport emissions.

Our UreaGenerators can be fitted with semi-automated or manual blending systems to optimise costs and operational requirements for both land-based or marine on board blending.

FIND OUT MORE

If you would like more information or a vessel(s) specific proposal for the Fluechem UreaGenerator, speak to our team on **+44 (0) 20 800 35 982 / +1 713 535 3930** or email **info@fluechem.com**. We can design and install an AUS40 UreaGenerator that will cover your ships IMO Tier III requirements keeping you compliant whilst saving you money and reducing emissions even further.

fluechem.com