



# SYNERGIES, ALLIANCES & TECHNOLOGIES IN THE NEW ENERGY FUTURE

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CTO



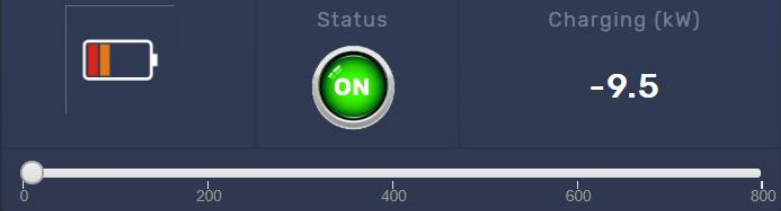
**WIND TURBINE**



**PHOTOVOLTAICS**



**STORAGE**



**PREVIOUS DAY ENERGY PROD.**

3670.54 kWh

**S4S UNIT LOCATIONS - TILOS / GREECE**

**DAILY AVOIDED**

CO<sub>2</sub>



SO<sub>2</sub>



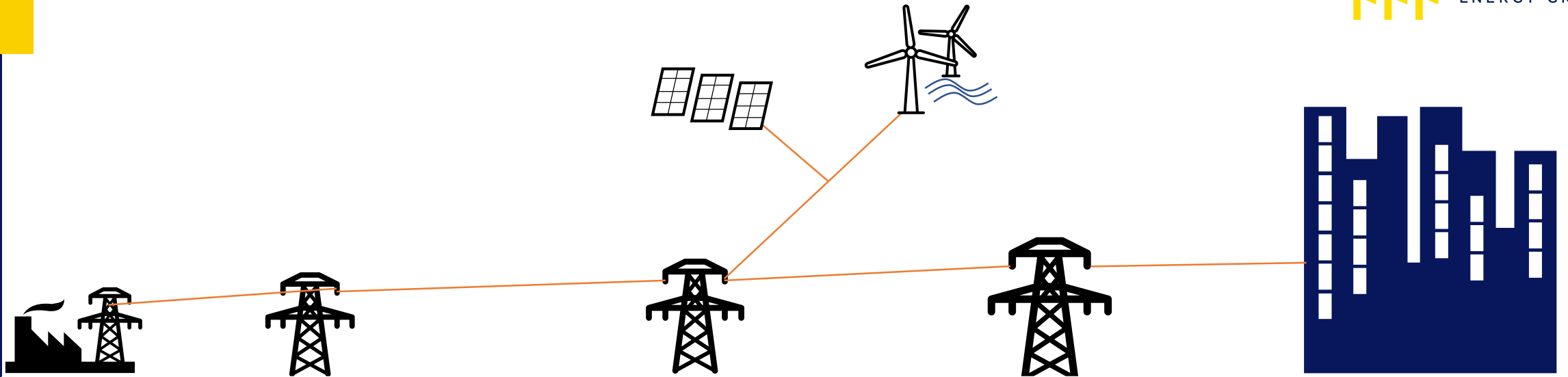
NO<sub>x</sub>



Diesel



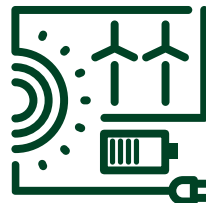
# The Near Future



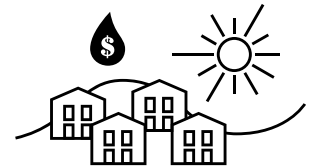
**Islands: Reduced Diesel Consumption**



**S4S Hybrid System  
2 RE Sources & Battery**



**Grid Islands: Reduced Diesel Consumption**

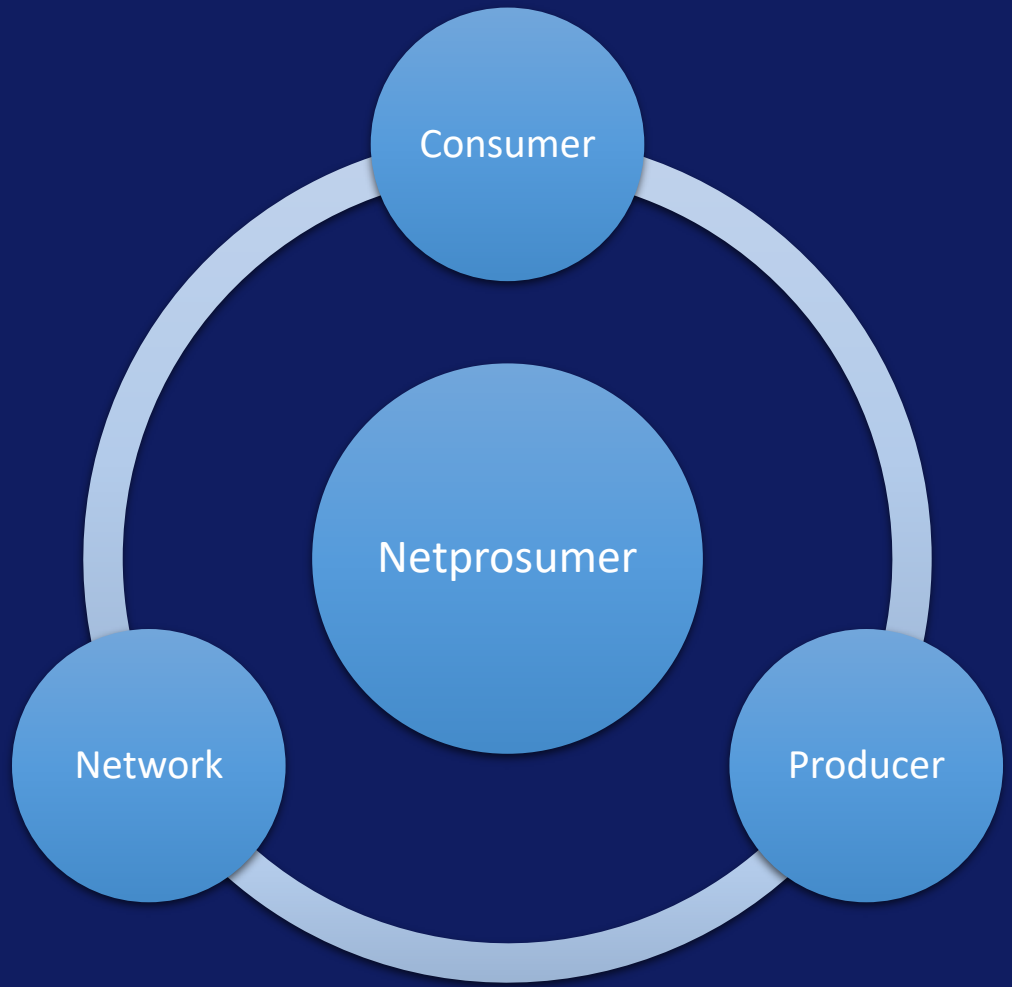


**S4S Hybrid System**



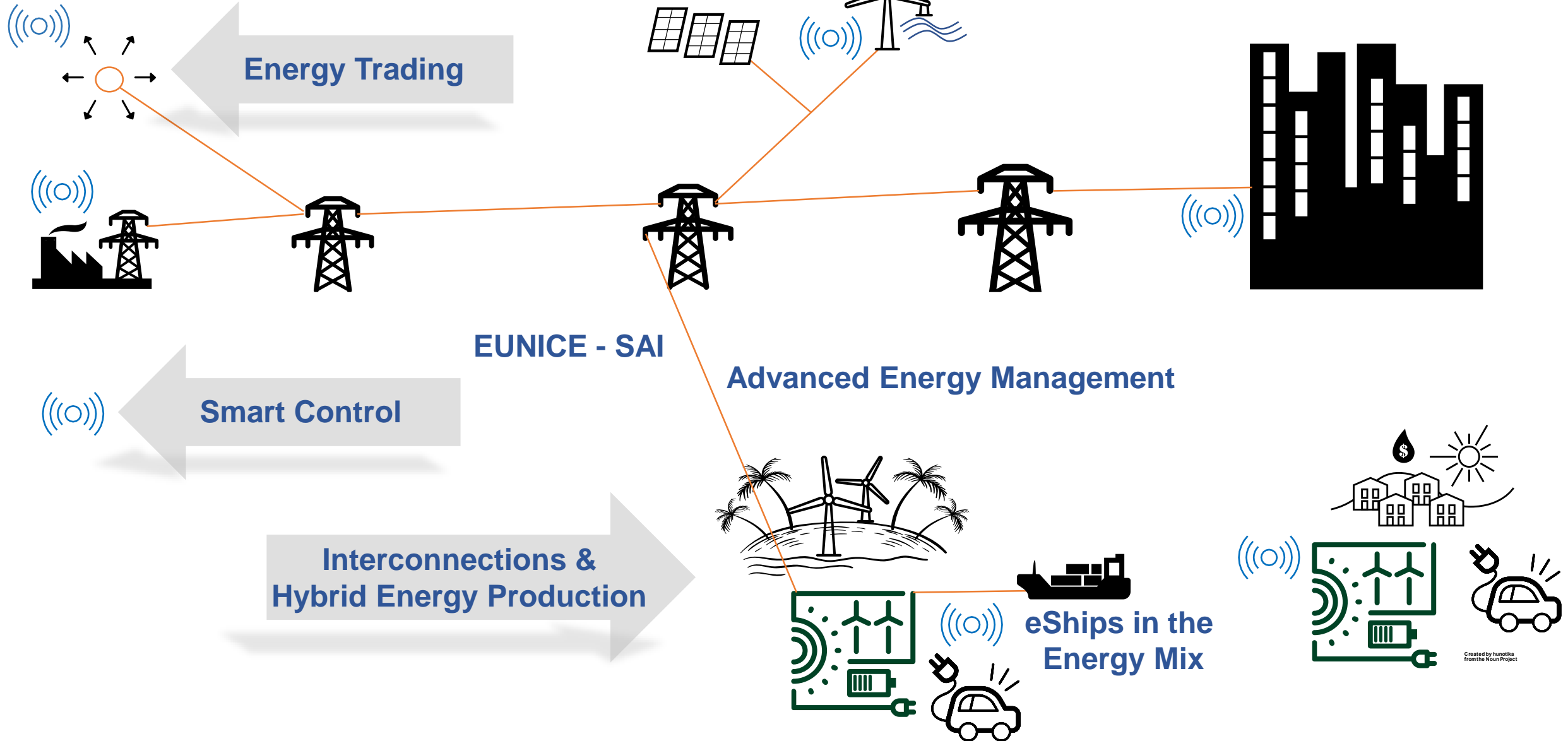


# New Energy Paradigm

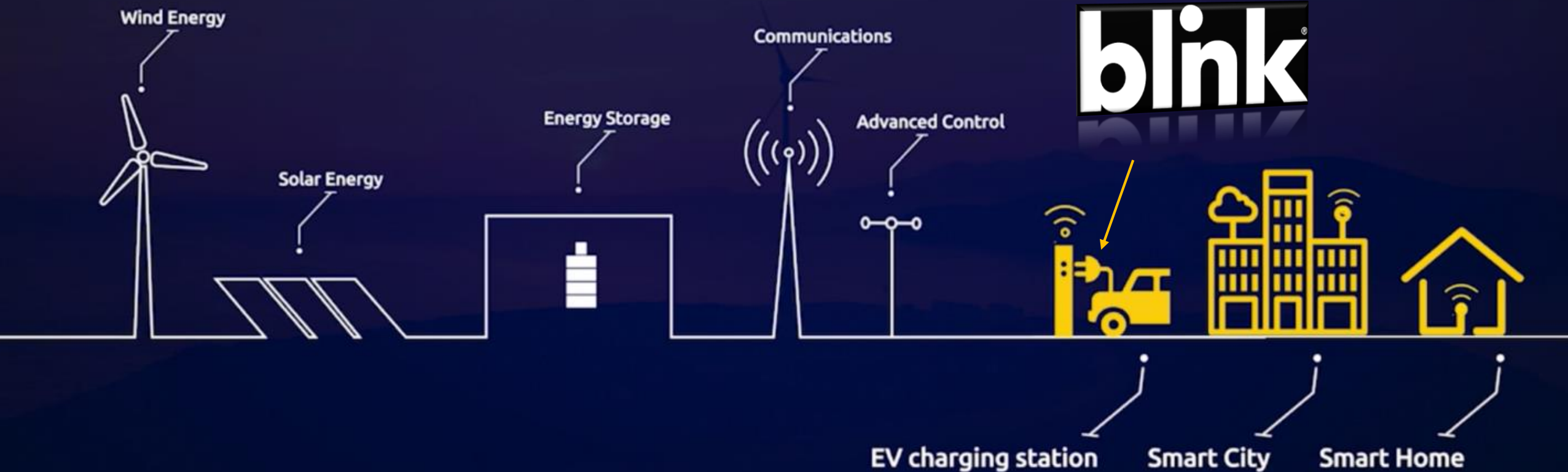


Additional Economic Boost

# Smart Hyper-Grid & SAI



# S4S



# 1<sup>st</sup> Implementation – S4S TILOS

- 1 Wind turbine 800kW
- Photovoltaic system 160kWp
- Energy Storage 2 x 1.4MWh
- Energy storage inverter capacity 1MW
- EUNICE EMS system
- EUNICE SCADA system



**THIS IS THE FUTURE OF A HYPER CONNECTED & INTELLIGENT ENERGY  
MANAGEMENT**



**THIS IS THE FUTURE OF**







THANK YOU

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