

# matís

## Snjallar og sjálfbærar fiskveiðar

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Sviðsstjóri rannsókna og nýsköpunar

## GLOBAL FISHERIES ARE UNSUSTAINABLE

Overfishing today, empty oceans tomorrow.

**GLOBAL FISHERIES**  
**92 MILLION TONS**  
Landed every year

<p><b>OVERFISHING</b> Catching more fish than oceans can replenish</p>  	<p><b>DECLINING FISH STOCKS</b> Many fish populations are collapsing</p>  	<p><b>DISCARDING 10 MILLION TONS</b> of fish are thrown back dead or dying</p>  	<p><b>PIRATE FISHERIES (IUU)</b> <b>26 MILLION TONS</b> caught illegally, unreported and unregulated</p>  	<p><b>GHOST FISHING</b> <b>28 MILLION TONS</b> lost or discarded gear continues to catch marine life</p>  
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### NEGATIVE IMPACT ON THE ECOSYSTEM

 <p><b>LOSS OF BIODIVERSITY</b></p>	 <p><b>DISRUPTED FOOD WEBS</b></p>	 <p><b>HABITAT DESTRUCTION</b></p>	 <p><b>REDUCED OCEAN RESILIENCE</b></p>	 <p><b>THREAT TO FOOD SECURITY &amp; LIVELIHOODS</b></p>
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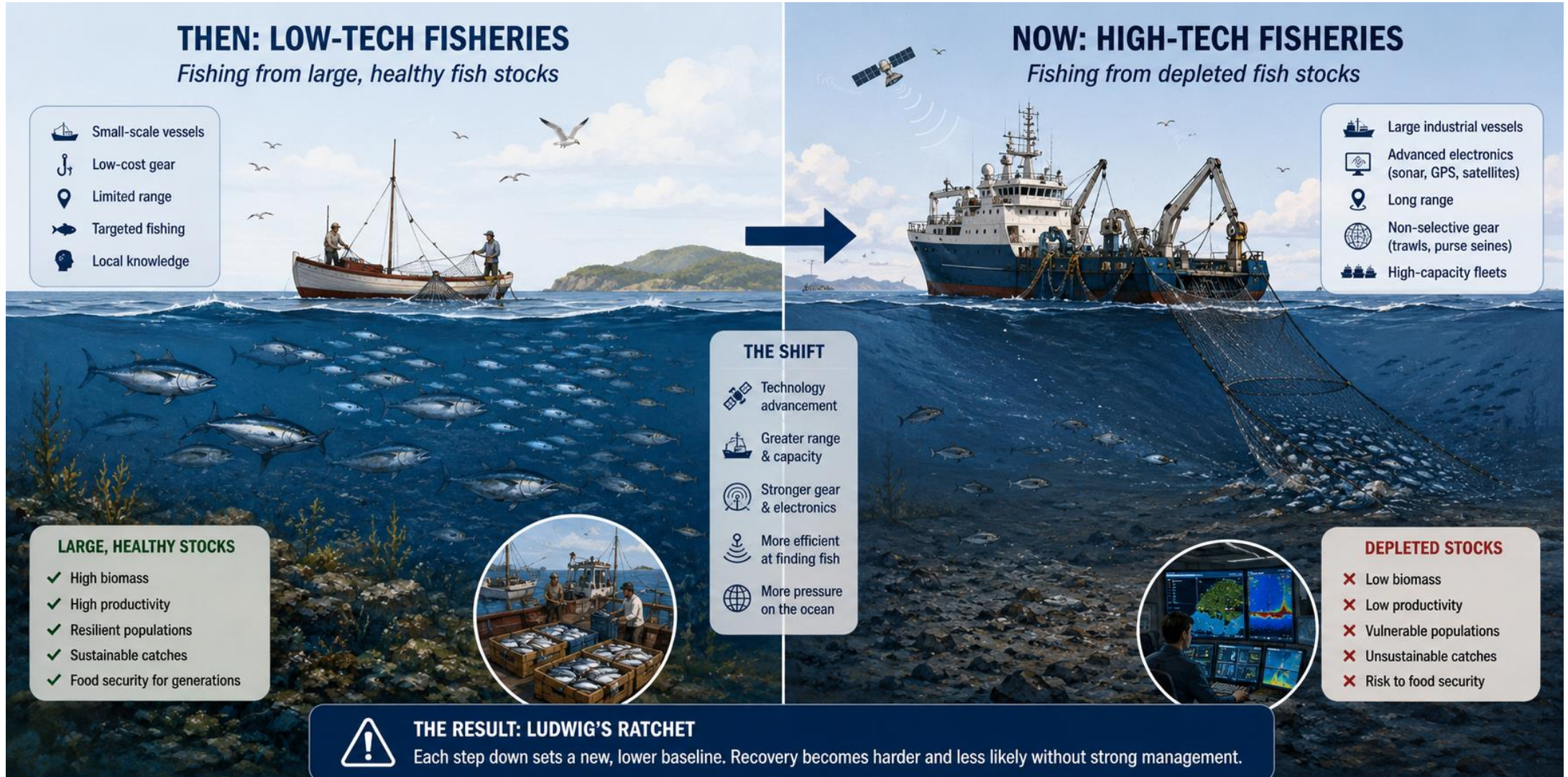
**OUR OCEANS. OUR FUTURE.**  
SUSTAINABLE FISHERIES NOW.



**STOP OVERFISHING. END ILLEGAL FISHING. REDUCE WASTE. PROTECT OUR OCEANS.**

 SUSTAINABLE TODAY  
SUSTAINABLE TOMORROW.

# Er þá meiri tækni til góða? – Ludwig’s ratchet





## SUSTAINABLE FISHERIES

HEALTHY OCEANS. STRONG COMMUNITIES. A SECURE FUTURE.

Managing fisheries today for generations to come.



### SUSTAINABLE FISHERIES

Good for the ocean.  
Good for people.

#### ECOSYSTEM APPROACH TO FISHERIES MANAGEMENT



We manage fisheries with consideration for the entire ecosystem, including habitats, species and their interactions.

#### QUOTAS ALLOCATED BASED ON ITQ SYSTEM



Individual Transferable Quotas (ITQs) ensure efficient, flexible and long-term sustainable use of fisheries resources.

#### FLEET SIZE PROPORTIONAL TO ALLOCATED QUOTAS



Fleet capacity is aligned with available resources to prevent overfishing and ensure long-term sustainability.

#### RESPONSIBILITY & TRANSPARENCY IS KEY



We prioritize data collection, monitoring, compliance and open reporting to build trust and drive continuous improvement.

#### IN GOOD RELATION WITH SOCIETY



We work hand in hand with coastal communities, indigenous peoples and stakeholders to respect rights, culture and local knowledge.

#### VALUABLE JOBS AND STRONG COMMUNITIES



Sustainable fisheries create quality jobs, support local economies and provide a stable future for communities and generations.



### THE BENEFITS OF SUSTAINABLE FISHERIES



HEALTHY FISH STOCKS FOR THE FUTURE



PROTECTED MARINE ECOSYSTEMS



ECONOMIC STABILITY AND PROFITABILITY



STRONG AND RESILIENT COMMUNITIES



SAFE, HIGH-QUALITY SEAFOOD FOR SOCIETY



RESPONSIBLE TODAY. SUSTAINABLE TOMORROW.

SUSTAINABLE FISHERIES ARE GOOD FOR THE OCEAN, GOOD FOR PEOPLE, GOOD FOR THE FUTURE.



SCIENCE-BASED MANAGEMENT



COMPLIANCE & ENFORCEMENT



MONITORING & DATA



PARTNERSHIP & COLLABORATION

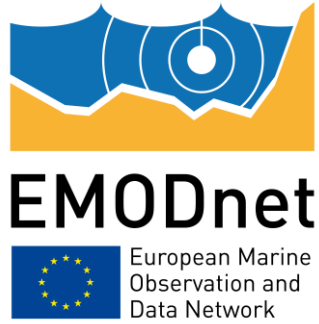


RESPECT FOR PEOPLE & NATURE

Tækni til  
að fylgjast  
með vistkerfum  
og meta möguleg  
áhrif breytinga



# Stafrænir tvífarar – Digital Twin Ocean



# Ákvörðunartökustuðningur – Decision Support tools

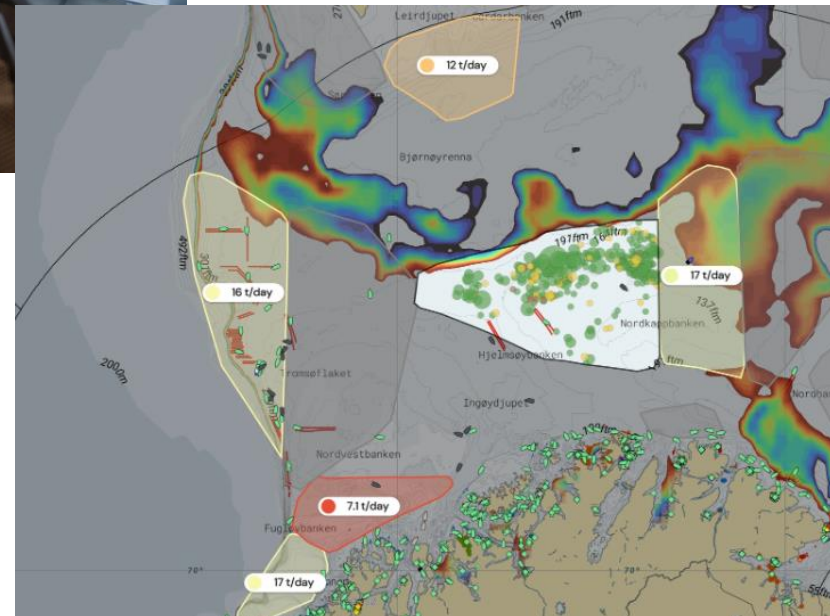


 Ocean Advisor



GreenFish

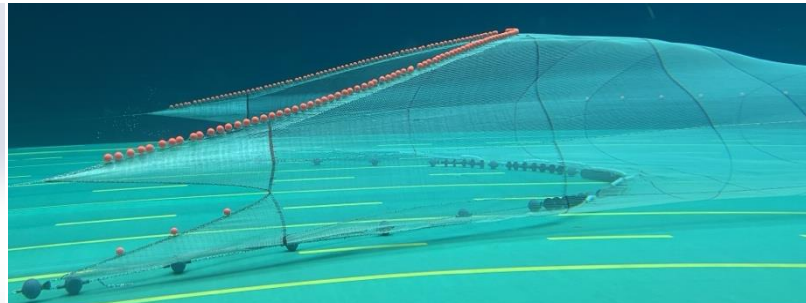
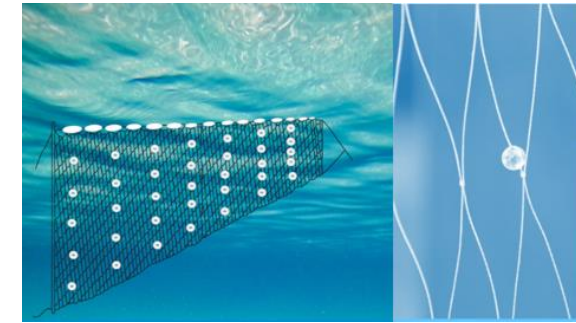
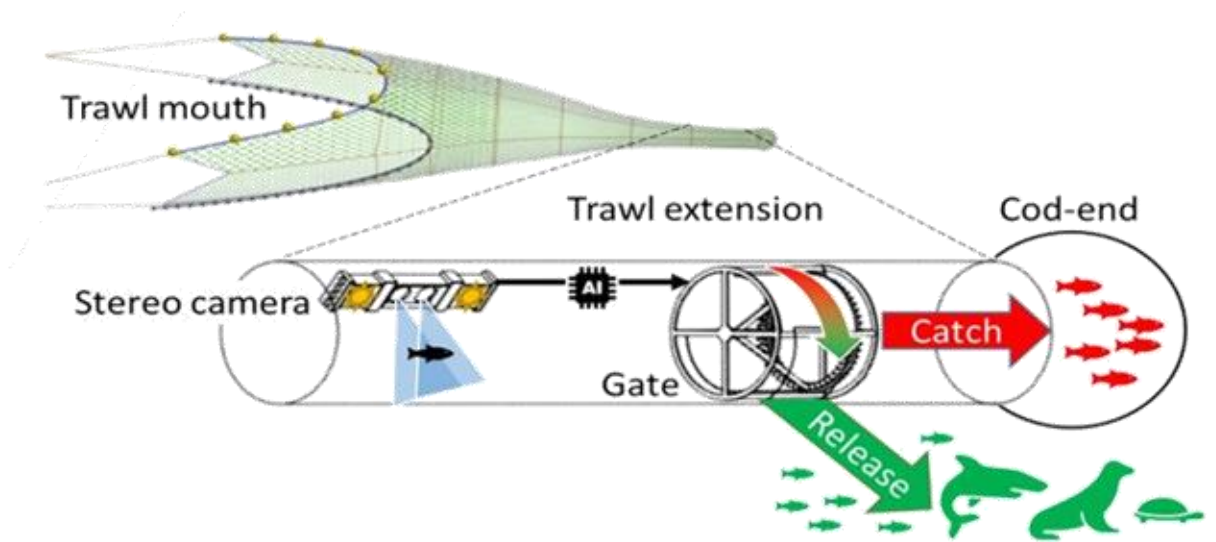
 Catchwise



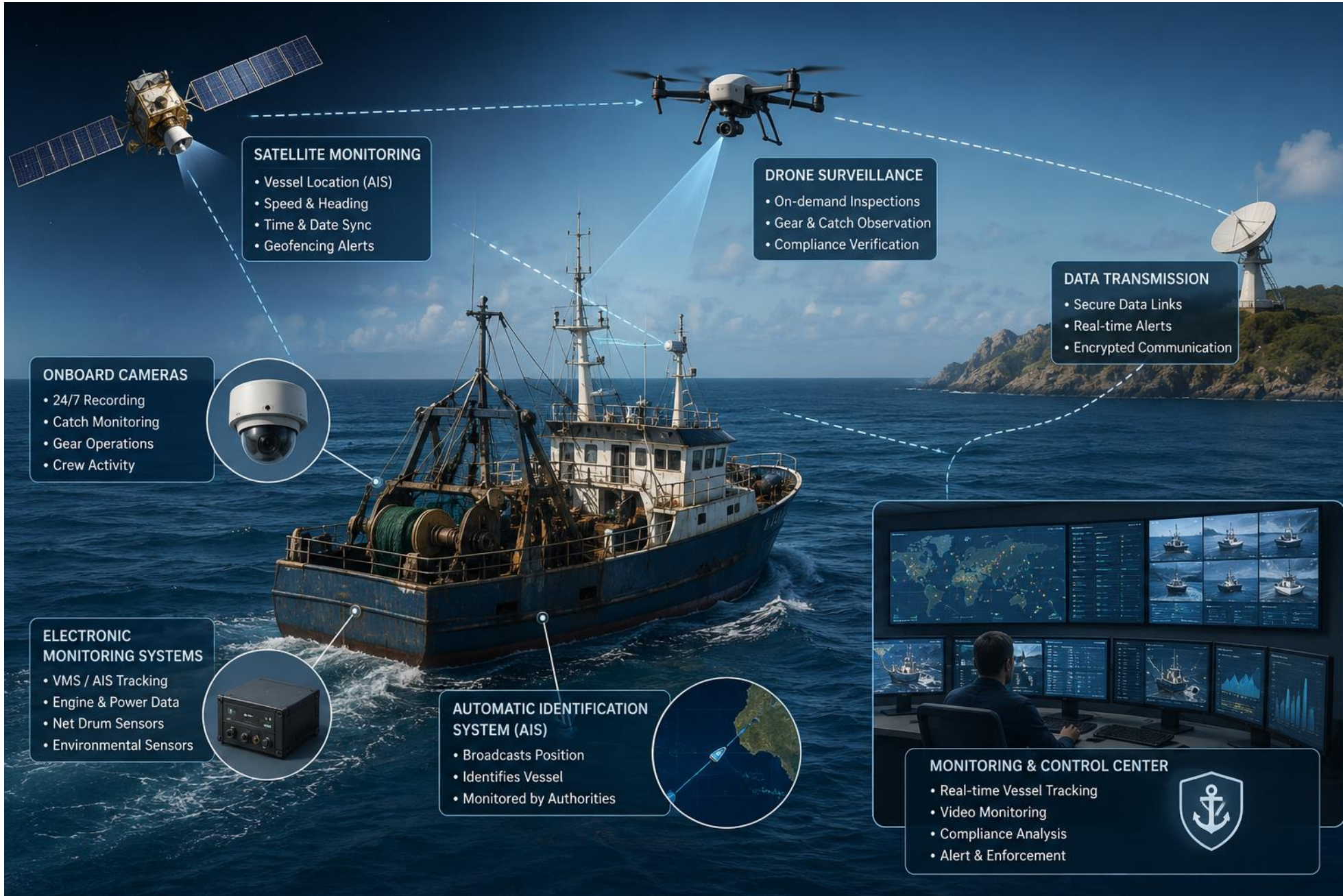
  
TrackWell



# Bætt hönnun veiðarfæra og skipa



# Bætt eftirlit, öryggi og gagnsæi



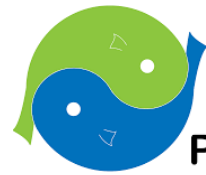
# Hver er aðkoma Matís að þessu?



MarineGuardian



ClimeFish



PrimeFish



MECCAM



BioProtect



EcoFishMan



**NATALIE**

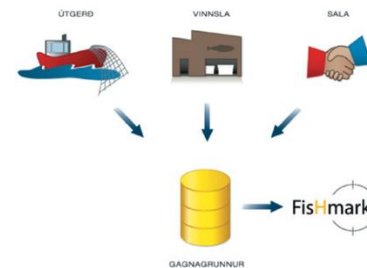
Accelerating and mainstreaming transformative NATure-based solutions to enhance resiliENCE to climate change for diverse bio-geographical European regions



DiscardLess



**SAF | 21** Social science aspects of fisheries for the 21<sup>st</sup> Century



# Hver er aðkoma Matís að þessu?

