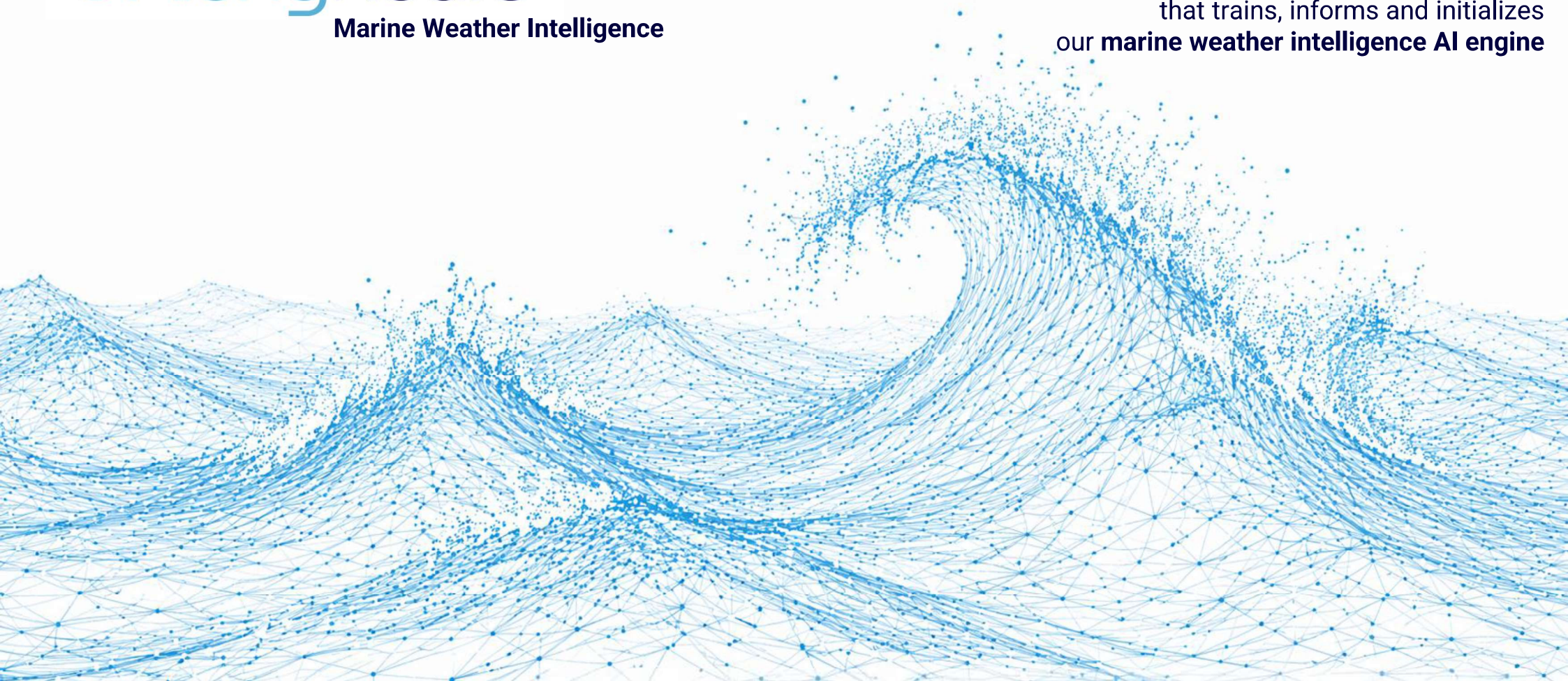




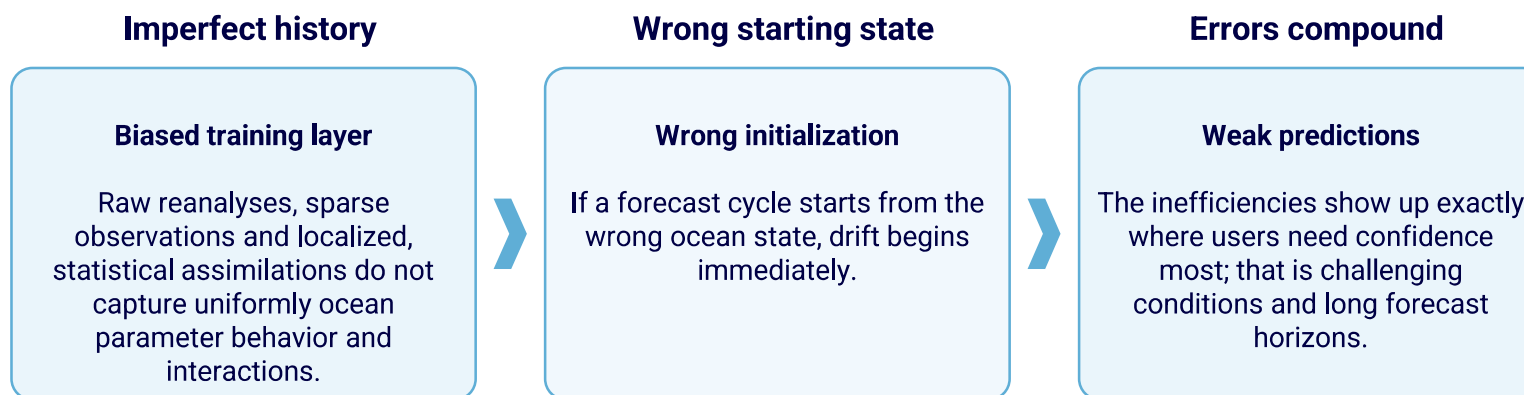
## Our edge is not AI alone

Our advantage comes from the continuously corrected  
**Ocean Conditions Reconstruction Layer**  
that trains, informs and initializes  
our **marine weather intelligence AI engine**



## AI can be as good as the training dataset and forecast skill depends heavily on initial conditions

If the historical training layer is wrong and the forecast starting state is wrong, even AI-derived predictions inherit both errors

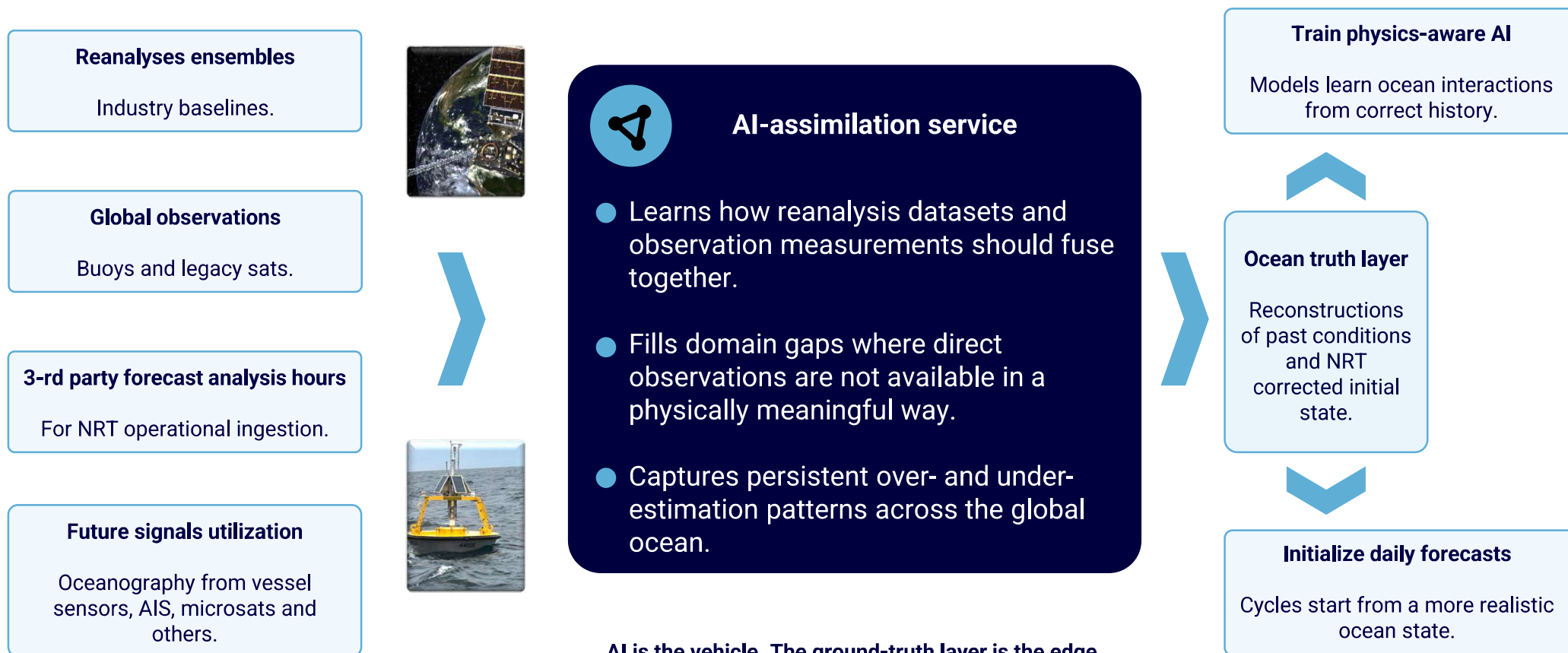


Even the most sophisticated forecast stacks focus on the model.

We focus first on correcting the ocean state the model learns from and starts from.

## We build a continuously corrected Ocean Conditions Reconstruction Layer

This layer is the foundation of both our marine weather forecasting stack and our past ocean conditions products



## How we improve marine weather forecast skill

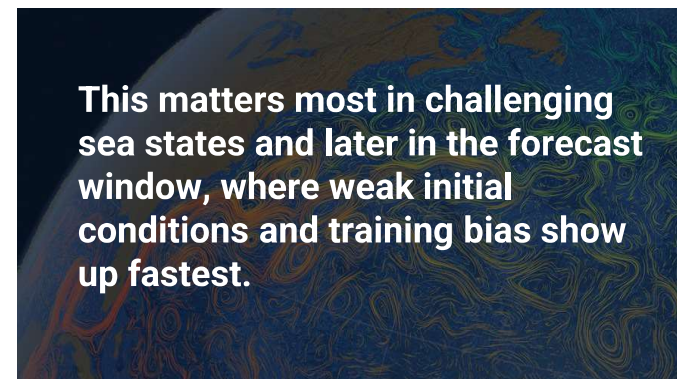
The same process raises model performance twice: once during training and again at every cycle initialization

**Better training**

- Models learn correct ocean interactions instead of inherited historical bias.
- Corrected fields stay coherent even away from observation zones.

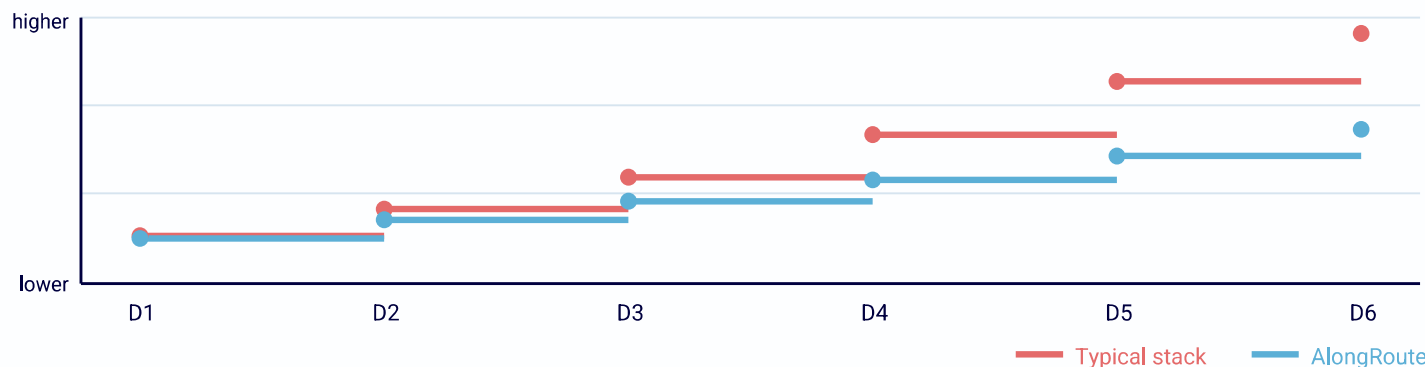
**Better initialization**

- Each cycle starts from a more realistic ocean state and not a generic baseline.
- Near-real-time correction reduces drift before it compounds through the forecast horizon.



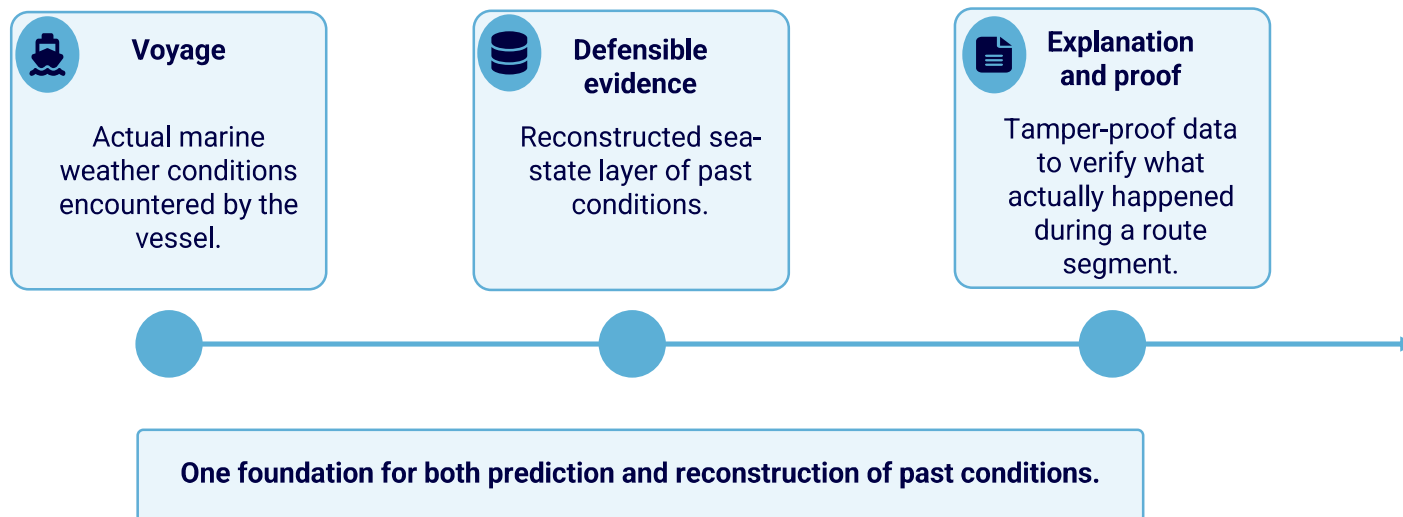
### Illustrative forecast error curve

Relative error growth by horizon (conceptual).



## The same layer creates commercial value after the voyage

It reconstructs past conditions and thus it is valuable not only for prediction but also for defensibility, reporting and evidence



### Client value

#### Post-voyage reporting

A better reconstructed record of conditions along the route.

#### Claims resolution

A stronger evidence layer for disputes around marine weather exposure and decisions.

#### Retrospective performance audits

Useful for reviewing routes, outcomes and operational decisions after the fact.

## Our strategy is scalable and efficient by design

We aim to ingest as many observations as possible, even indirect ones, without building a proprietary sensor network

### We use the ocean's data existing exhaust

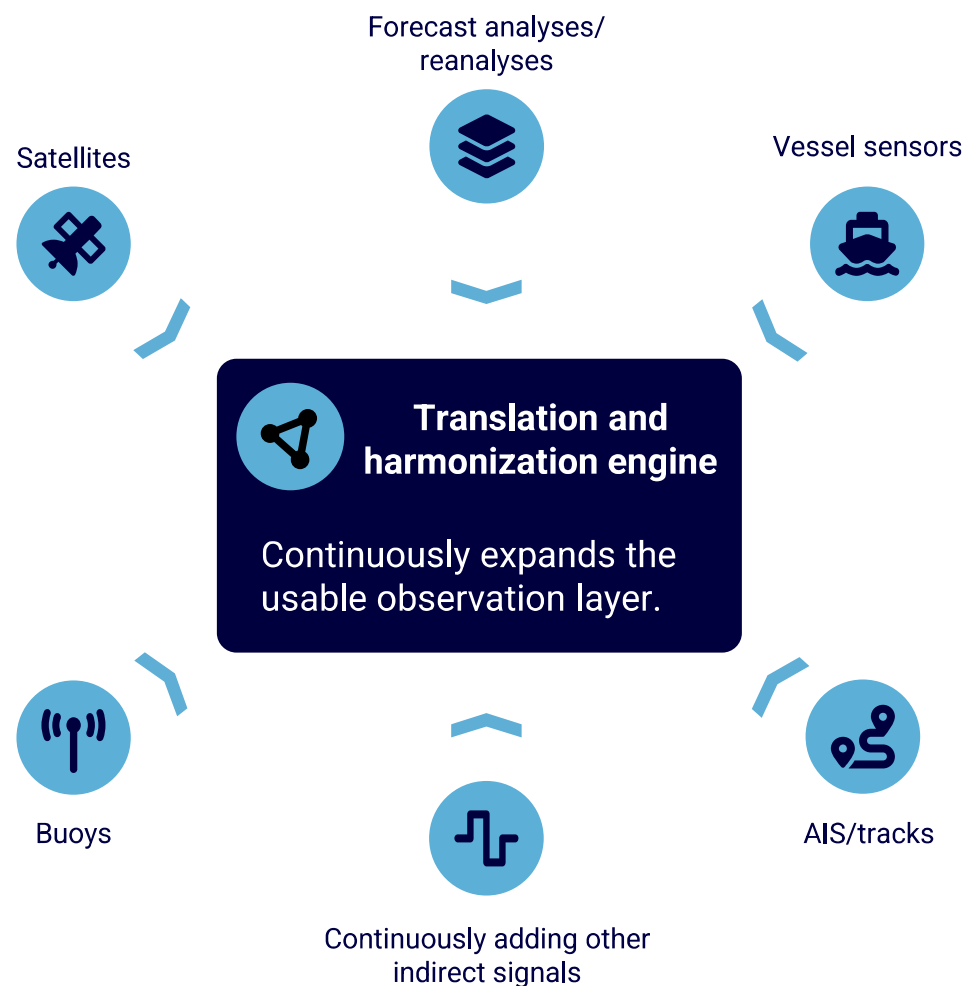
Direct observations plus translated proxy signals can all add information to our global, reconstruction layer of past ocean conditions.

No need to deploy more measurement stations to create value.

The team has the interdisciplinary expertise to translate new signals into oceanographic parameters.

This approach makes our engine more efficient and more scalable over time.

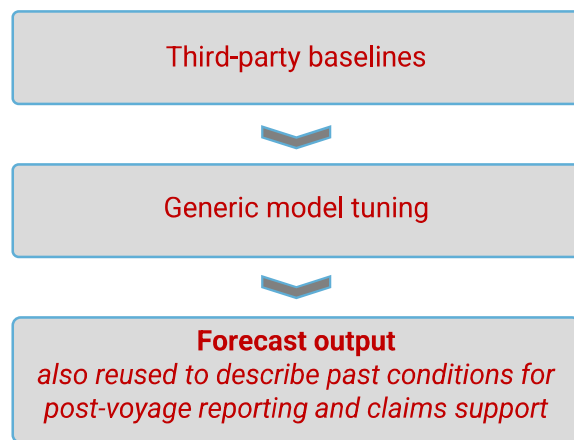
Thus, we promote a cross-industry use of existing data streams, reducing the need for additional hardware, cost and environmental waste.



## How AlongRoute differs from the typical market approach

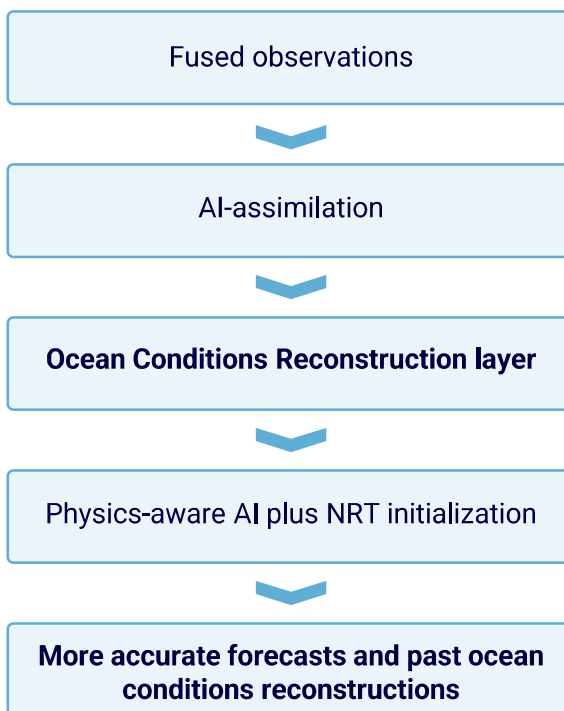
The contrast is not “AI vs no AI” - The contrast is which layer of the stack is treated as the real source of advantage

### Typical market stack



Most value is coming from the top of the stack.

### AlongRoute stack



The moat sits deeper in the stack; in the ground-truth layer beneath the engine.

**Ground truth layer first**  
vs model first

**Dual-use asset**  
forecasts plus post-voyage conditions

**Broader observation capture**  
including indirect signals

**Stronger later forecast horizon resilience**  
especially after day 3

## What this means for clients

A stronger underlying ocean ground-truth layer improves both decision support before the voyage and evidence quality after it



### Voyage optimization platforms

- A differentiated marine weather layer for optimization products and post-voyage reporting.
- More confidence deeper in the forecast horizon.
- A partner story that goes beyond “just more AI”.



### Insurers and claims teams

- Post-voyage ocean conditions reconstructions.
- Better evidence for dispute and claims review.
- Clearer and robust explanation of “what happened at sea”.



### Operators, charterers, offshore

- Sharper situational awareness in tough sea-states.
- One foundation for forecasts and reporting windows.
- A path to integrate more observation streams over time.