

# WindGainHub: OEM independent strategy

Carlo Durante  
eTa Blades



## Abstract

WindGainHub tailors methodologies and solutions according to Asset / Site Specific Conditions (Wind, Operations, Turbine, Legislation, Permitting, Compliance, etc.) on each Wind-Farm with the aim to maximise Wind-Farmers' IRRs through the optimal combination of:

- Life-Extension – More Efficient Time in Operations, in full compliance
- Power Production Upgrades – Higher Revenues
- Long-Term Tailored Maintenance – Lower Cost
- Damage Mitigation Upgrades – Lower Risk.

## Objectives

### Cost reduction / project management:

- More control on the Staffing of the ISP, quality of the on-site working environment
- Improvement of direct / own staff satisfaction and empowerment
- Long-term service cost optimised

### Technical Control of the assets:

- Greater control on the operation and maintenance and the associated quality of the assets
- Better quality control of the redevelopment project / maintenance strategy moving forward
- Better control on HSE

### Technology independence:

- No legacy, more transparency
- Own target definition
- Easier to develop, introduce and improve site specific solutions

### Multi-technology strategy:

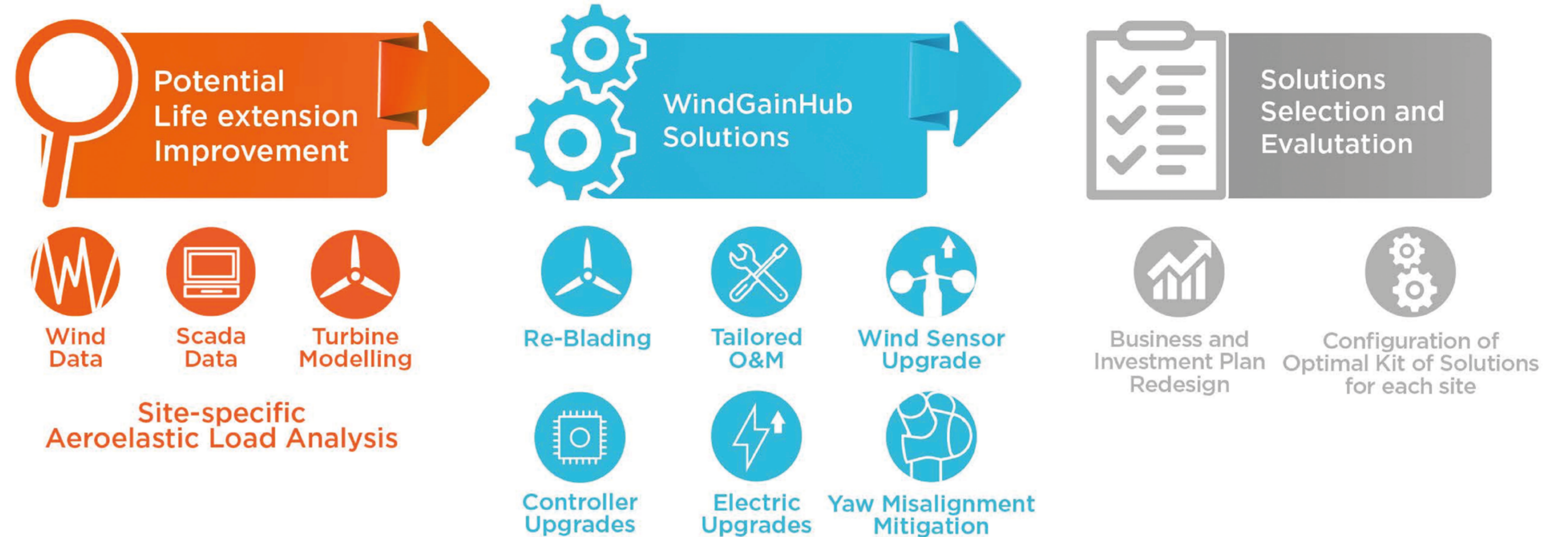
- Sound approach for the entire fleet: own Redevelopment strategy as opposite to several different "technology-focussed" ones

### Site-specific / case by case solutions:

- Opposite to an "industrial / homogeneous approach" solutions are evaluated, configured and ordered according to site / asset / technology specific situations

## Methods

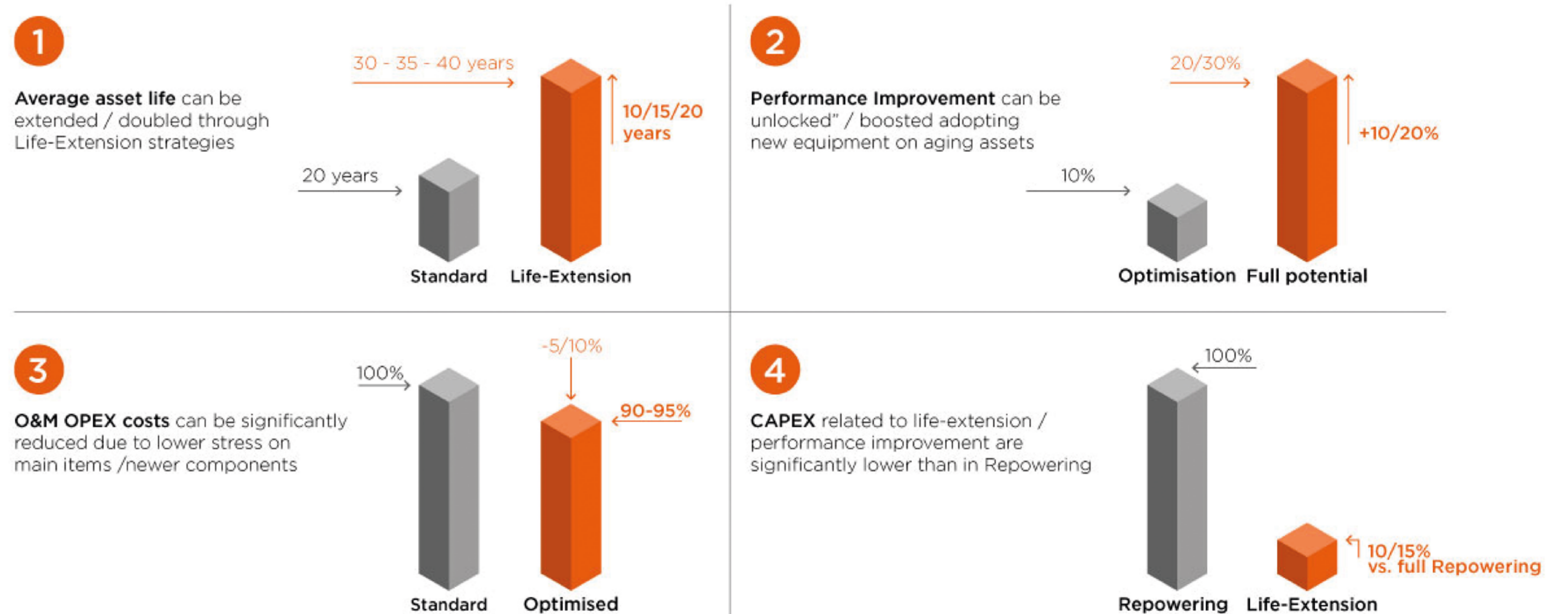
Based on proprietary methodologies and experiences on a multitude of wind-farms, the WindGainHub is able to identify the true Site Potential and the best suitable Solutions aiming at redesign the business / investment plan and helping achieve IRR Maximization.



## Results

Through OEM independent strategy wind-farmers access innovative, independent best-in-class experiences targeting impressive improvement potentials on aging / underperforming assets

Potentials on aging / underperforming assets



## Enablers and Partners

WindGainHub is a collaborative platform aiming at developing and promoting Life-Extension and Performance Improvement best practices and end-to-end solutions, supplied to Wind-Farmers by a network of Independent Technology and Service Providers.

[www.windgainhub.com](http://www.windgainhub.com)

