

SWISS PROJECT DELIVERY & LIFECYCLE SERVICES

BMSer ACTIVE CARE Framework

FROM PROJECT DEFINITION TO LONG-TERM OPERATION.

Yvonand · Switzerland



ONE PROJECT. ONE EUROPEAN INTERFACE.

Energy infrastructure is not delivered by equipment alone.



BMSer ENERGY SA coordinates the project journey from initial system definition through engineering, manufacturing and European deployment — and continues supporting the system throughout operation.

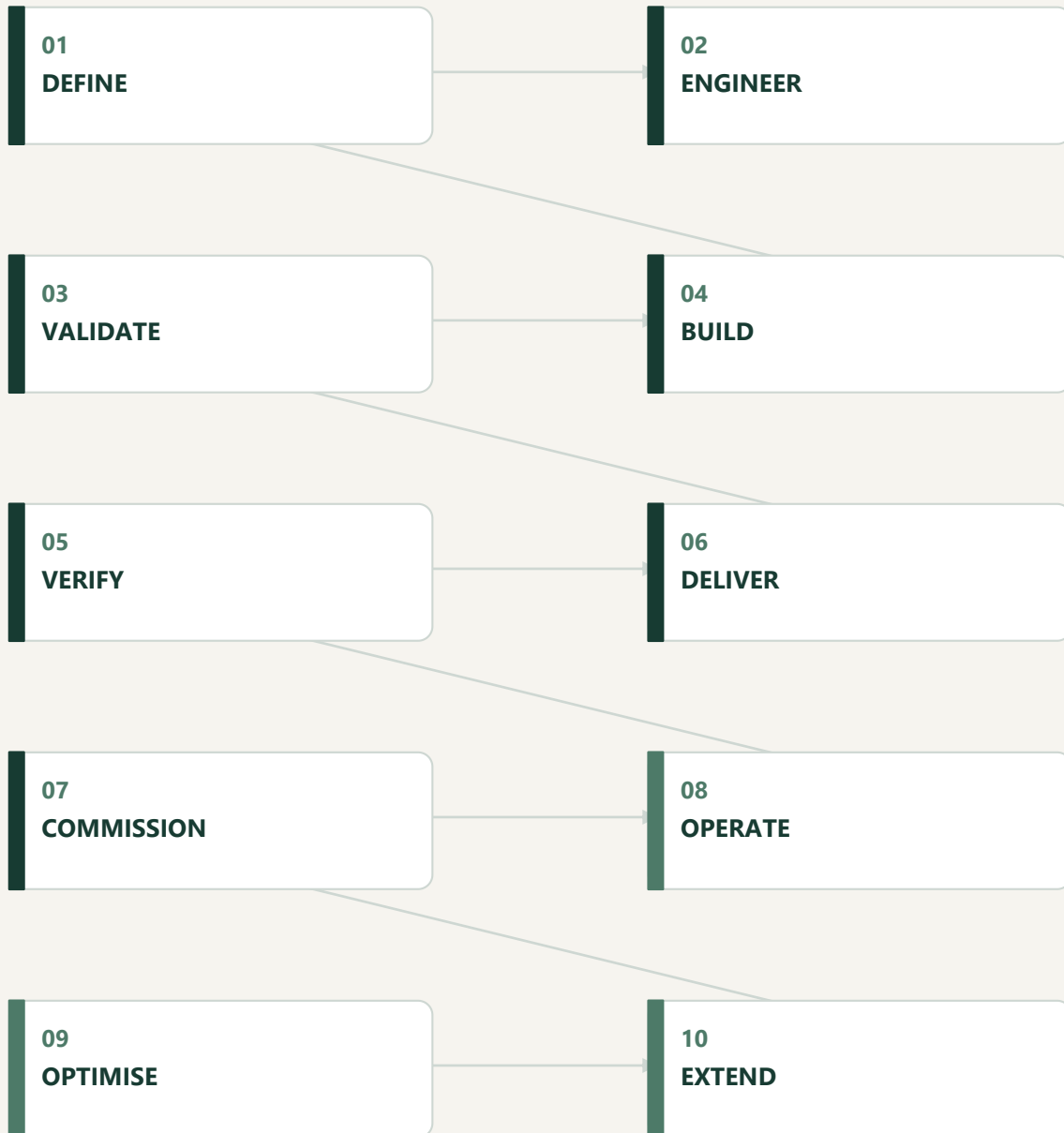
THE CUSTOMER DOES NOT MANAGE A DISCONNECTED CHAIN OF SUPPLIERS.

BMSer coordinates the chain.

THE OPERATING LOGIC

Deliver as a project. Operate as a service. Extend as long-term infrastructure.

TEN STAGES. ONE CONTINUOUS JOURNEY.



The handover is a milestone — not the end of the relationship.

UNDERSTANDING FIRST. SYSTEM ARCHITECTURE NEXT.

CUSTOMER / PROJECT INPUTS

Site · Application · Power and energy requirements · Load profile · Grid conditions · Operating objectives · Access constraints · Schedule

BMSER ENERGY SA

Project qualification · Technical clarification · Initial architecture · Interface definition · Preliminary compliance considerations

SYSTEM ARCHITECTURE

01

BATTERY

Cells · Modules · Thermal

02

BMS

BMU · BCU · BAU · Active balancing

03

POWER

PCS · DC/DC · Charging

04

EMS

Control strategy · Local HMI

05

SAFETY

Protection · Fire interfaces

06

SITE

Grid · Load · Civil / electrical

EARLY TECHNICAL CLARITY REDUCES REDESIGN AND PROJECT RISK.

COMPLIANCE IS PART OF DELIVERY.

01

PRODUCT FOUNDATION

Existing component, battery and subsystem documentation.

02

SYSTEM CONFORMITY

Applicable electrical safety, battery safety, EMC, charging and environmental requirements.

03

PROJECT ACCEPTANCE

Site-specific electrical, installation and local regulatory requirements.

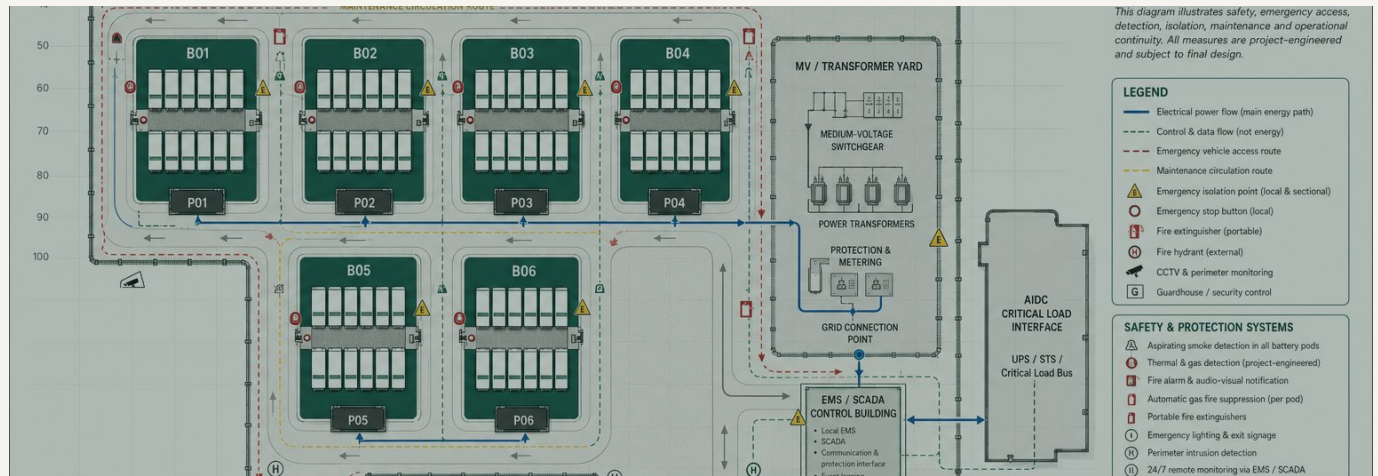
ORDERED CONFIGURATION + APPLICATION + DESTINATION MARKET

CONTROLLED BUILD

Approved architecture becomes controlled component selection, BMS / EMS configuration, electrical integration and manufacturing quality control.

CONFIGURATION-SPECIFIC · MARKET-SPECIFIC · INTEGRATED INTO DELIVERY

VERIFY BEFORE DELIVERY. ARRIVE READY FOR SITE.



FACTORY ACCEPTANCE

Electrical functionality · BMS / EMS functions · Charge-discharge logic · Alarms · Communications · Safety interfaces

EUROPEAN DELIVERY

Transport planning · Battery shipment requirements · Applicable documentation · Lifting and handling

SITE READINESS

Access · Installation area · Foundation / positioning · Electrical readiness · Local coordination

PROJECT RECORD

Configuration records · Factory documentation · FAT records · Agreed project documentation

IDENTIFY SYSTEM-LEVEL ISSUES BEFORE THEY BECOME SITE-LEVEL PROBLEMS.

LOCAL EXECUTION. BMSER SYSTEM KNOWLEDGE.

QUALIFIED LOCAL PROFESSIONALS

Electrical installation

Site electrical work

Inspection

Testing

Field intervention

Local compliance activities

BMSER

Commissioning support

BMS / EMS configuration

Communication validation

Functional verification

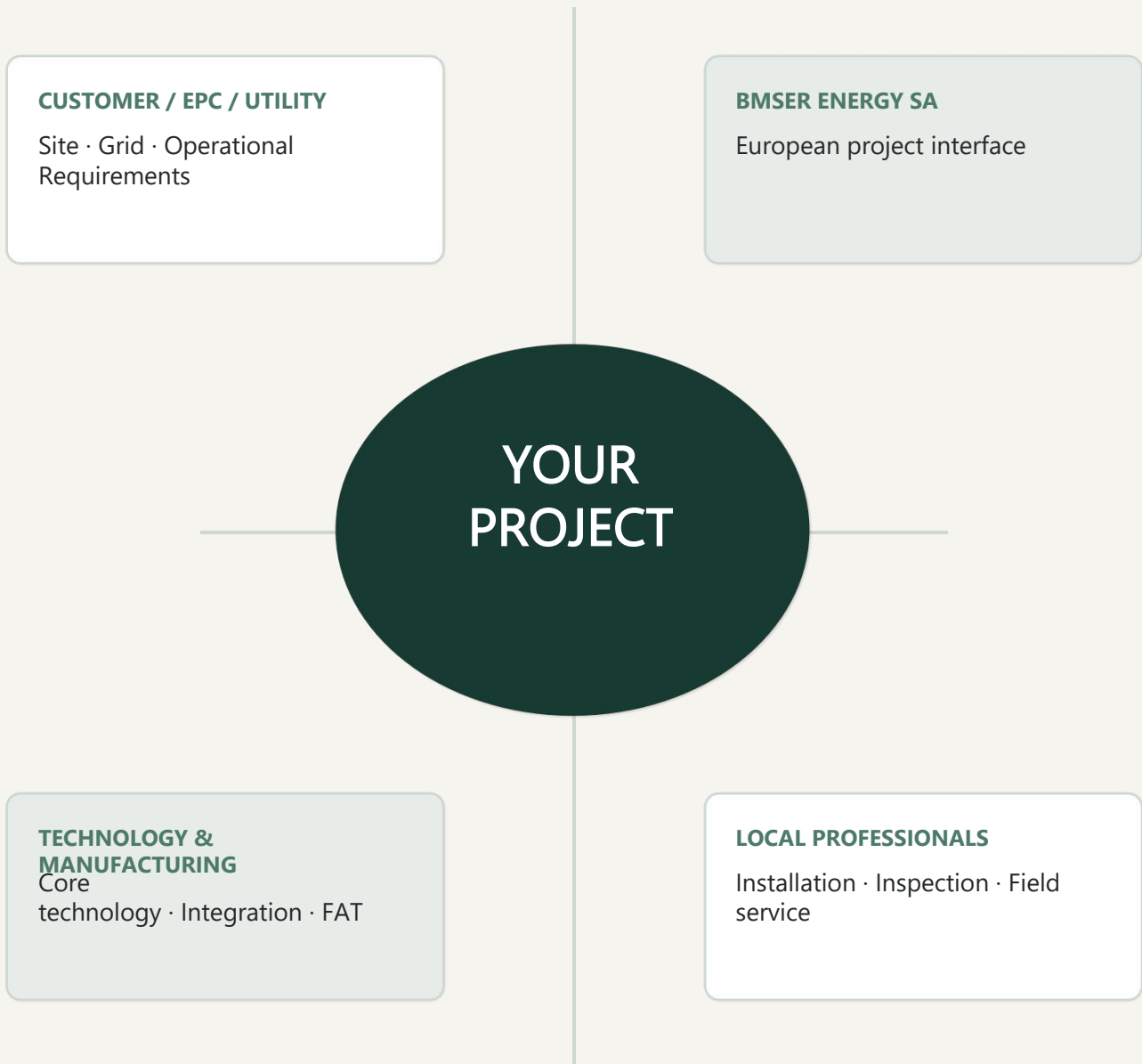
Troubleshooting

Acceptance coordination

SAT & HANDOVER

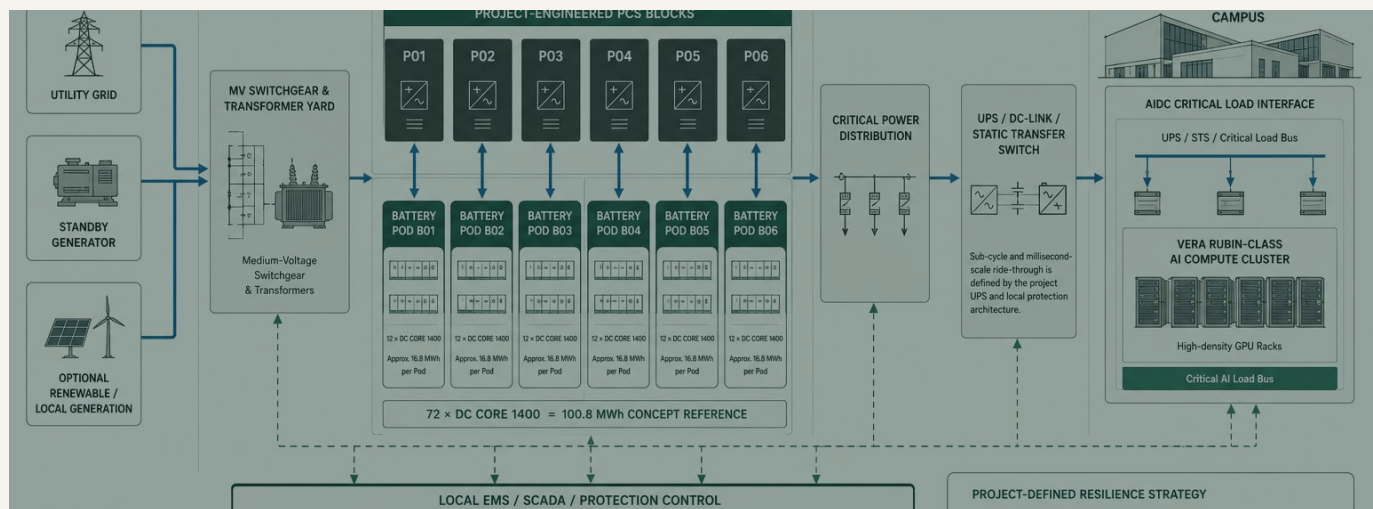
ONE PROJECT. FOUR LAYERS.

Coordinated by BMSer ENERGY SA.



ONE INTERFACE. COORDINATED EXPERTISE BEHIND IT.

VISIBLE. CONNECTED. SUPPORTED.



Digital energy-management capabilities provide the technical foundation for system visibility and support after commissioning.

SYSTEM

System overview · Equipment status · Operating data

EVENTS

Alarm management · Event history · Historical data

EXPERT

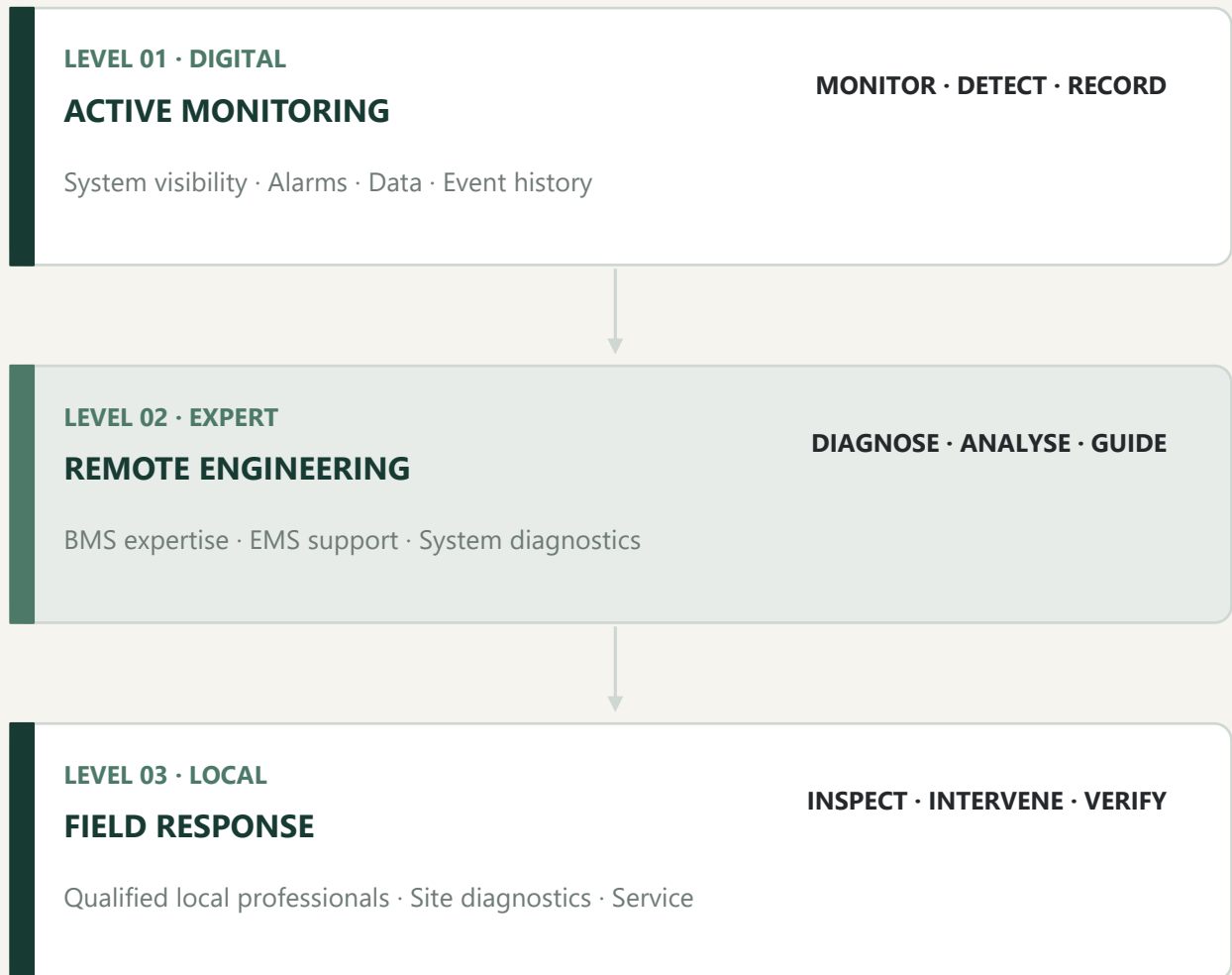
Remote diagnostics · Technical escalation · Strategy support

SERVICE

Operating reports · Service records · Maintenance history

SEE THE SYSTEM BEFORE YOU SERVICE THE SYSTEM.

DIGITAL FIRST. EXPERT BACKED. LOCALLY DEPLOYABLE.



Not every event requires a site visit. Active Care uses digital visibility and technical diagnosis first, while maintaining qualified local intervention when physical service is required.

FROM REACTIVE MAINTENANCE TO PROACTIVE LIFECYCLE MANAGEMENT.



Continuous visibility creates the opportunity for earlier, more informed intervention.

QUALIFIED LOCALLY. TRAINED FOR BMSEER SYSTEMS.



BMSer ENERGY SA develops project-appropriate local engineering and service capability around European deployments.

LOCAL PROFESSIONAL QUALIFICATION

Electrical and field
competence appropriate
to the project.

+

BMSEER PRODUCT TRAINING

DC CORE · CUBE · BMS
Active Balancing · EMS
Diagnostics · Service

+

REMOTE ENGINEERING

Product specialists
System engineering
Technical escalation.

LOCAL ACTIVE CARE

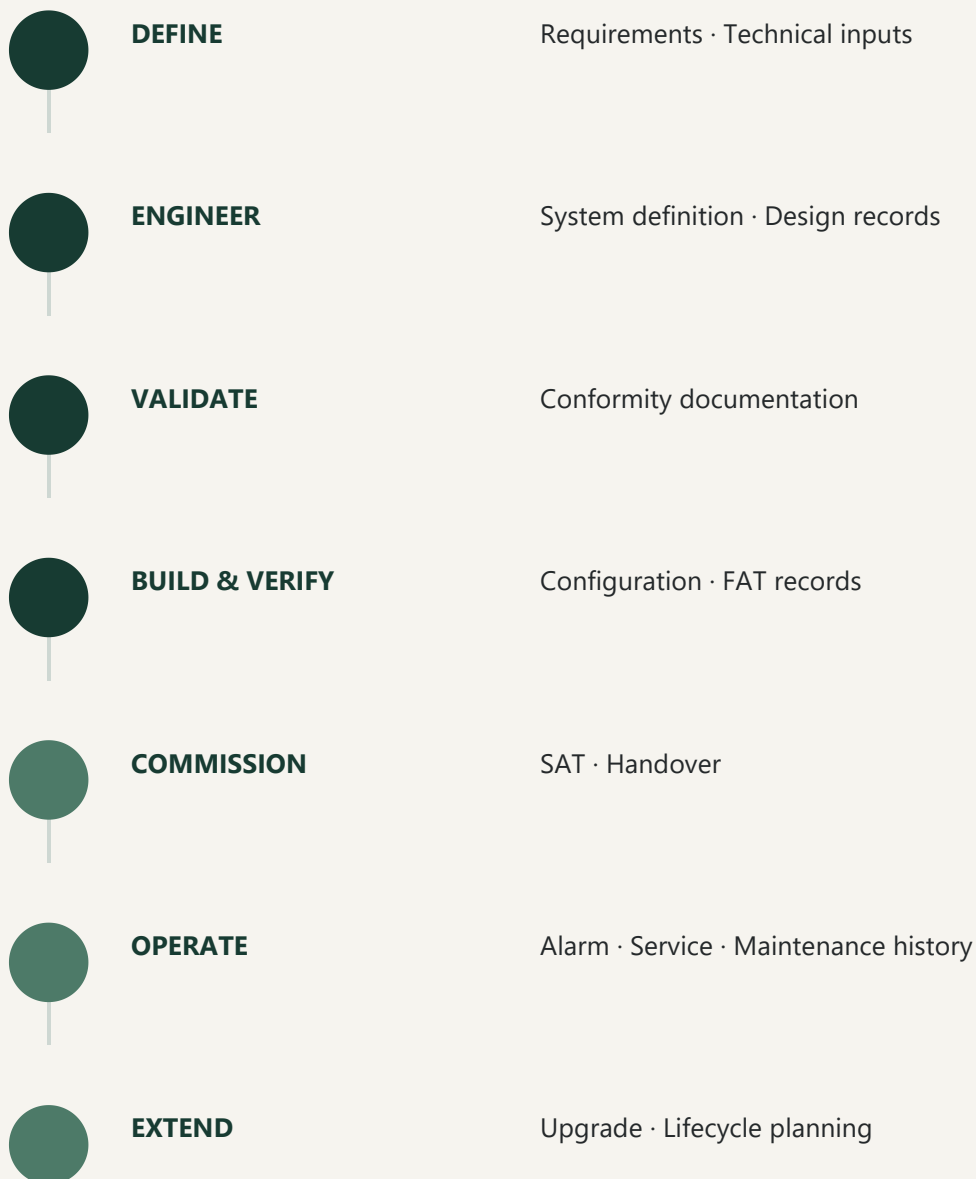
OPERATION CREATES DATA. INFRASTRUCTURE EVOLVES.

Long-term support should do more than restore a system after an event. Operating information can provide insight into how the system behaves over time and where strategies or maintenance planning may be improved.



LIFECYCLE SCOPE IS DEFINED BY THE PROJECT AND SERVICE AGREEMENT.

DOCUMENTED THROUGHOUT THE LIFECYCLE.



A professional energy-infrastructure project should retain continuity not only in equipment, but also in information.

KNOW WHAT WAS BUILT · KNOW HOW IT OPERATED · KNOW WHAT CHANGED

SEE HOW WE DELIVER. BEFORE YOU COMMIT.

The ACTIVE CARE framework makes project responsibilities, delivery stages and lifecycle support visible before a customer commits to deployment.



MASTER HANDBOOK

Project journey, responsibilities, commissioning, operations and lifecycle framework.

PROJECT INPUT

Structured site, load, grid, application and engineering requirements.

TECHNICAL DOCUMENTATION

Configuration-specific technical, FAT, commissioning and conformity documentation.

EN · FR · DE · IT · ES

START A PROJECT →

SODIUM HUB
ENERGY CUBE-2276 NA
BMSER ENERGY SA

ENGINEERING THE SYSTEM IS ONLY THE BEGINNING.

The value of critical energy infrastructure is created over years of operation — not on the day it leaves the factory.

ONE PROJECT. ONE EUROPEAN INTERFACE.

FROM PROJECT DEFINITION TO LONG-TERM OPERATION.

START A PROJECT → REQUEST TECHNICAL DOCUMENTATION →

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