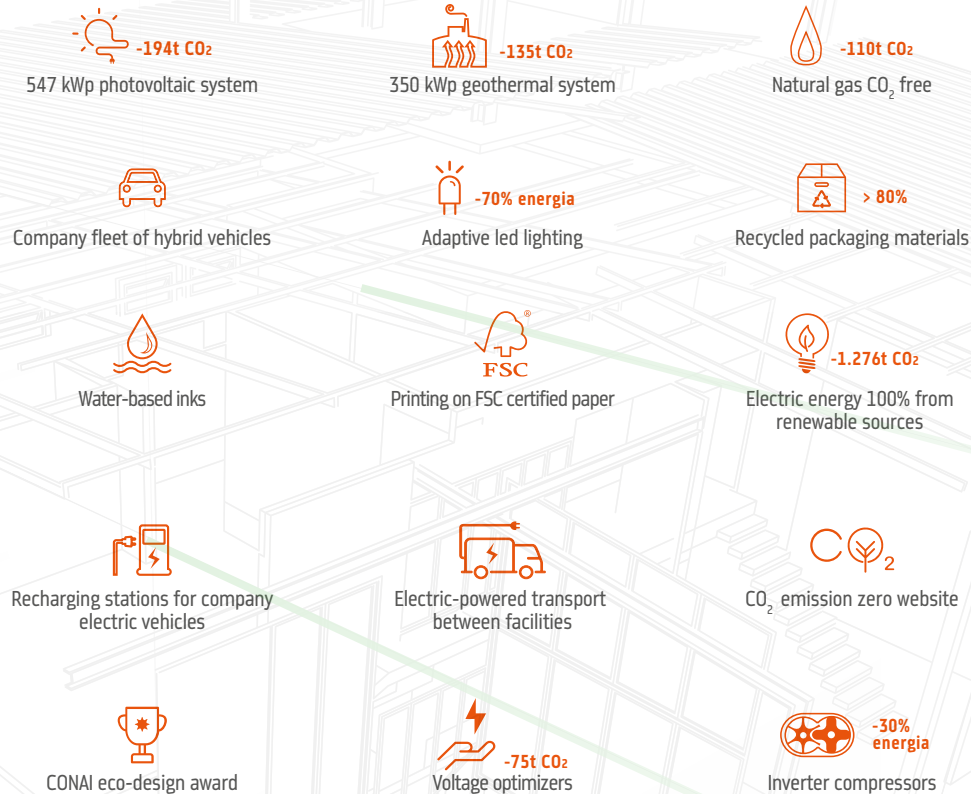


IVAR considers global sustainability as a strategic way of leadership. Since 2021 we have invested to reduce the impacts of our activities.



With this evolutionary approach we wanted to understand how our products can contribute by specifically promoting recognized metrics and performances, by mapping their performance in accordance with the requirements of systems in the "green building" sector such as LEED and BREEAM.



The activities were developed with the support of the GREENMAP program, the Habitech Energy and Environment District program aimed at the industry sector.

# LEED

## Leadership in Energy and Environmental Design

It is the certification system for sustainable buildings and is recognized worldwide as a way to achieve the goals of sustainability and leadership developed by USGBC. LEED certified buildings save money, improve efficiency, reduce carbon emissions and create healthier places for people. They are a key part for facing climate change and achieving ESG goals. To obtain LEED certification, a project entails performances in different fields which concern carbon, energy, water, waste, transport, materials, health and quality of the indoor environment.

35% of LEED credits relate to climate change, 20% have a direct impact on human health, 15% have an impact on water resources, 10% relate to biodiversity, 10% relate to the green economy, 5% have an impact on the community and 5% have an impact on natural resources.

# BREEAM

## Building Research Establishment Environmental Assessment Method

It is a globally recognized suite of validation and certification systems for a sustainably built environment, developed by BRE. BREEAM certified buildings have helped to improve asset performance at every stage, from design to construction, use and renovation. BREEAM requirements contribute to integrate objectives for the reduction of net carbon emissions, following indicators of well-being and social impact, circularity, biodiversity and transparency. The goal is to provide tools to create a built environment that is up to the challenge of the climate emergency.

## IVAR LEED BD+C v4.1 CONTRIBUTION MATRIX

### INTEGRATIVE PROCESS

		IVAR REFERENCES
IP PREREQUISITE	INTEGRATIVE PROCESS PLANNING AND DESIGN	PRODUCT CATEGORIES: <ul style="list-style-type: none"><li>· SANITARY SYSTEMS</li><li>· METERING SYSTEMS</li><li>· RADIANT SYSTEMS</li><li>· REGULATION AND CONTROL</li><li>· THERMAL POWER STATION</li><li>· SATELLITE MODULES</li><li>· MANIFOLDS</li></ul>
IP CREDIT	INTEGRATIVE PROCESS	

### WATER EFFICIENCY

WE PREREQUISITE	INDOOR WATER USE REDUCTION	· PRV · RDP 10 · RDP 20 · RDP 30 · RDP 40
WE CREDIT	INDOOR WATER USE REDUCTION	
WE PREREQUISITE	BUILDING LEVEL WATER METERING	· CAFS · CACS · CAFSWO-I · CACSWO-I
WE CREDIT	WATER METERING	

### ENERGY AND ATMOSPHERE

EA PREREQUISITE	FUNDAMENTAL COMMISSIONING AND VERIFICATION	· IVAR ACADEMY AND TECHNICAL DOCUMENTATION  · EASY RADIANT · ESAT DUAL · CUBODOMO · D20 · DR20 · DR75 · DR100M · DR200M · MULTIMIX · VARIMIX
EA CREDIT	ENHANCED COMMISSIONING AND VERIFICATION	
EA PREREQUISITE	MINIMUM ENERGY PERFORMANCE	· EASY RADIANT · CUBODOMO · ACB10 · MINIGRAPH
EA CREDIT	OPTIMIZE ENERGY PERFORMANCE	
EA PREREQUISITE	BUILDING LEVEL ENERGY METERING	· CACML-I · CCWO · HMR-D · USF
EA CREDIT	ADVANCED ENERGY METERING	

### MATERIAL AND RESOURCES

MR CREDIT	CONSTRUCTION WASTE MANAGEMENT	· IVAR RECYCLE PACKAGING INSTRUCTIONS
-----------	-------------------------------	---------------------------------------

### INDOOR ENVIRONMENTAL QUALITY

EQ CREDIT	THERMAL COMFORT	· EASY RADIANT · MINIGRAPH · CUBODOMO
-----------	-----------------	---

# IVAR BREEAM INTERNATIONAL NEW CONSTRUCTION CONTRIBUTION MATRIX

## MANAGEMENT

		IVAR REFERENCES
MAN01 ISSUE	PROJECT BRIEF AND DESIGN	• CONTRIBUTION MATRIX
MAN04 ISSUE	COMMISSIONING AND HANDOVER	• EASY RADIANT • ESAT DUAL • CUBODOMO • D20 • DR20 • DR75 • DR100M • DR200M • MULTIMIX • VARIMIX

## INDOOR ENVIRONMENTAL QUALITY

HEA04 ISSUE	THERMAL COMFORT	• EASY RADIANT • MINIGRAPH • CUBODOMO
-------------	-----------------	---

## ENERGY

ENE01 ISSUE	REDUCTION OF ENERGY USE AND CARBON EMISSIONS	• EASY RADIANT • CUBODOMO • ACB10 • MINIGRAPH
-------------	--	--

## WATER EFFICIENCY

WAT02 ISSUE	WATER MONITORING	• CAFS • CACS • CAFSWO-I • CACSWO-I
-------------	------------------	--