ADS ECO | Technology Partner Invitation

STRATEGIC TECHNOLOGY PARTNER

Become ADS ECO's Technology Partner

Join the ADS ECO Eco-Industrial and Circular Economy Complex as a technology provider, innovation partner, equipment supplier, digital integrator or strategic localization partner.

8+ technology domains

40+ JV opportunities

1 integrated eco-industrial platform

Prepared for strategic technology, investment and partnership discussions.

Executive Overview

ADS ECO is designed as a unified strategic platform for deploying advanced environmental technologies across an eco-industrial and circular economy complex.

The Technology Partner model allows specialized companies to participate in selected modules - AI sorting, recycling, energy, SCADA, digital platforms, high-value recovery, water systems or agro-industrial technologies - while remaining aligned with the common ADS ECO strategy, ESG framework and operating standards.

Each technology partner may contribute equipment, software, licenses, engineering know-how, commissioning support, performance guarantees and long-term O&M; capabilities. The structure can be implemented through a direct supply contract, EPC technology package, licensing arrangement or dedicated Joint Venture.

Modern eco-industrial campus concept

01 Specialized modules

Each partner can focus on a defined technology or operating zone.

02 Shared infrastructure

Partners benefit from common utilities, logistics, data systems and ESG reporting.

03 Investor clarity

Technology packages can be structured with clear CAPEX, KPIs and revenue logic.

Technology Partner Role in ADS ECO

Technology partners provide the systems, know-how and performance backbone that convert waste streams into recoverable resources, energy, ESG data and marketable products.

Investors
Equity, project finance, ESG funds

Technology
Equipment, software, licenses, know-how

EPC
Design, construction, installation

ADS ECO
SPV / CJSC
Strategic platform

Markets
Offtake, export, demand channels

O&M
Maintenance, KPIs, service levels

Public partners
Permits, land, PPP coordination

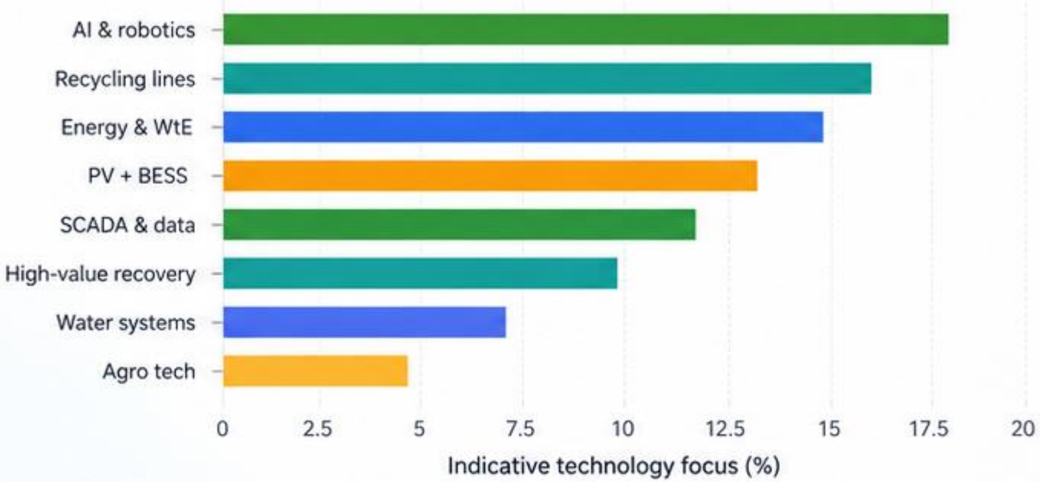
One integrated complex - multiple focused technology and business vehicles.

Circular solutions | Resource recovery | Value creation | Sustainable impact

Priority Technology Domains

ADS ECO can engage technology partners across core, advanced and digital modules of the circular economy value chain.

Priority technology domains



01 AI sorting & robotics

NIR/VIS sensors, optical sorting, robotic picking and automation.

02 Recycling lines

Plastic, paper, glass, metals, textiles and advanced lines.

03 Energy & WtE

Thermochemical conversion, syngas, gasification and WtE.

04 PV, BESS & energy

Solar PV, storage, microgrid, EMS and energy optimization.

05 Digital SCADA / IoT

Real-time monitoring, control room, data lake and analytics.

06 High-value recovery

E-waste, batteries, solar panels, critical materials recovery.

07 Water & environment

Leachate, wastewater, filtration, reuse and pollution control.

08 Agro technologies

Compost, biofertilizer, feed, greenhouse and smart controls.

Indicative structure for partner discussions. Subject to legal, technical and financial due diligence.

Technology Value Chain

Technology partners help convert complex waste streams into investable, measurable and market-connected business lines.

1. **Input**
   MSW, C&I waste, organics, e-waste, construction residues

2. **AI Sorting**
   Classification, robotics, sensors and quality control

3. **Recovery**
   Recyclables, metals, plastics, glass and high-value streams

4. **Conversion**
   Energy, compost, fertilizer, feed, materials

5. **Market**
   Offtake, export, ESG value and carbon impact

Eco-industrial value chain platform

Strategic result

A scalable platform where partners can build specialized technology businesses while contributing to one integrated circular-economy ecosystem.

Technology Contribution Package

Technology partners can participate through equipment, software, know-how, IP rights and long-term support.

1 Equipment package

Industrial systems, robotics, sensors, PV/BESS, reactors or water equipment.

2 Software and data systems

SCADA, IoT, AI analytics, digital twin and traceability platforms.

3 Licensing and IP

Technology use rights, designs, manuals and protected know-how.

4 Engineering know-how

Process design, integration logic, commissioning and training.

5 Performance guarantees

Availability, output quality, energy efficiency and recovery targets.

6 Localization program

Local assembly, service center, spare parts and operator training.

Objective: make the technology bankable, measurable, locally serviceable and scalable across future ADS ECO modules.

Indicative structure for partner discussions. Subject to legal, technical and financial due diligence.

IP, Licensing and Technology Localization

ADS ECO can structure technology participation with clear ownership, use rights, confidentiality, warranties and local deployment rules.

1 NDA & data room
Confidential information exchange

2 License scope
Territory, modules, use rights

3 Localization plan
Training, assembly, service center

4 Protection
IP, warranties, cyber/data safeguards

5 Scale-up
Replication across future modules

Use rights
Define what ADS ECO and each JV may use, reproduce, integrate and localize.

Data rights
Define ownership and access to operating data, AI models, performance data and ESG outputs.

Warranties
Define technology performance, defects, guarantees, acceptance tests and remedies.

Knowledge transfer
Define training, manuals, operator certification and local technical support obligations.

Indicative structure for partner discussions. Subject to legal, technical and financial due diligence.

Digital Integration and Smart Operations

Technology partnership should connect hardware, software, AI, energy systems, and ESG data into one operational intelligence layer.

Digital architecture

01 Sensors / Machines
AI sorting, WtE, PV/BESS, water, lab, safety

02 SCADA / Control
real-time process monitoring and alarms

03 Analytics / AI
optimization, predictive maintenance, material traceability

04 ESG reporting
environmental KPIs, carbon accounting, investor reporting

Digital systems should create transparency, performance control and finance-ready ESG data at module level.

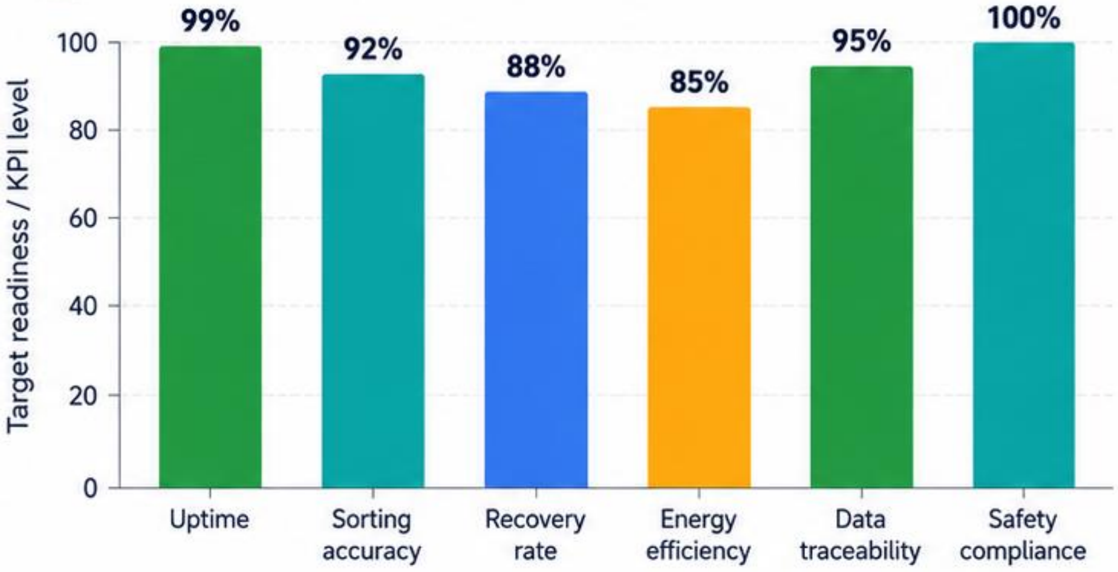
TRANSPARENCY | PERFORMANCE CONTROL | FINANCE-READY ESG DATA | MODULE-LEVEL INSIGHT

Indicative structure for partner discussions. Subject to legal, technical and financial due diligence.

Performance KPIs and Service Obligations

Technology partners can be evaluated through measurable operating, technical, safety, data and ESG performance indicators.

Indicative technology partner KPI dashboard



Indicative KPI categories

Availability
Equipment uptime, response time, spare parts readiness

Quality
Output purity, contamination rate, recovery performance

Efficiency
Energy consumption, throughput, maintenance efficiency

Safety
Compliance, training, incident prevention, emergency procedures

Digital
Data completeness, cybersecurity, reporting reliability

ESG
Emissions monitoring, water reuse, waste diversion and audit trail

A strong technology partnership does not only supply equipment - it ensures performance, reliability and long-term operating value.

Indicative structure for partner discussions. Subject to legal, technical and financial due diligence.

Commercial Model and Partner Benefits

Technology partners may participate through supply contracts, licensing, service agreements, strategic investment or dedicated module-level Joint Ventures.

1 Direct market entry

Access a flagship platform in Armenia and the wider region.

2 Module-level clarity

Defined scope, CAPEX, KPIs, payment logic and responsibilities.

3 Long-term service income

O&M, spare parts, upgrades, data services and training.

4 Technology localization

Local assembly, service center, pilots and regional rollout.

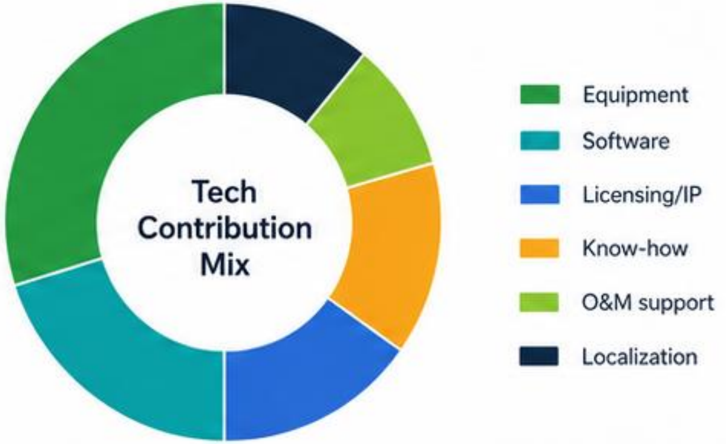
5 ESG positioning

Green infrastructure and climate-finance-ready positioning.

6 Scalable replication

Replicate successful modules across future ADS ECO facilities.

Indicative contribution mix



Preferred approach: combine bankable technology packages with clear service obligations and measurable ESG outputs.

Indicative structure for partner discussions.
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Technology Conditions and Risk Allocation

A clear partner framework should assign risks to the party best positioned to manage them and document responsibilities in contracts, performance standards and operating rules.

Risk area	Management mechanism	Primary holder
Technology performance	Acceptance tests, warranties, output guarantees and remedies.	Tech partner
Integration	Interface design, commissioning protocol and operational handover.	Tech + EPC
Operations	Service levels, preventive maintenance, spare parts and KPI reporting.	O&M / Tech
IP and data	Licensing scope, confidentiality, cybersecurity and data ownership.	Tech + JV
Market adoption	Product quality, offtake specification and customer acceptance.	JV company
ESG compliance	Monitoring, reporting, permits, environmental controls and audit readiness.	ADS ECO + JV

A bankable technology framework makes technical risks visible, assignable, measurable and commercially manageable.

Visible | Assignable | Measurable | Commercially manageable

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