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ENVIRONMENT

ICAO SEMINAR ON
GREEN AIRPORTS

Simple, Efficient, Innovative, Adaptable: The Green Airport

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ABOVE & BEYOND
QUIETER, CLEANER, MORE
EFFICIENT OPERATIONS



Clean
Energy

Zero
Waste

Green
Transport

Healthy
Communities



Water Wise

Carbon Neutral

Low Impact
Materials

MONTREAL, CANADA, NOVEMBER 29-30, 2017

GREEN AIRPORT ANATOMY



Intelligent



Adaptable



Efficient



Profitable



Responsive



Operate Within
Environmental
Limits

Social Licence
To Operate

Carbon
Neutral
Growth



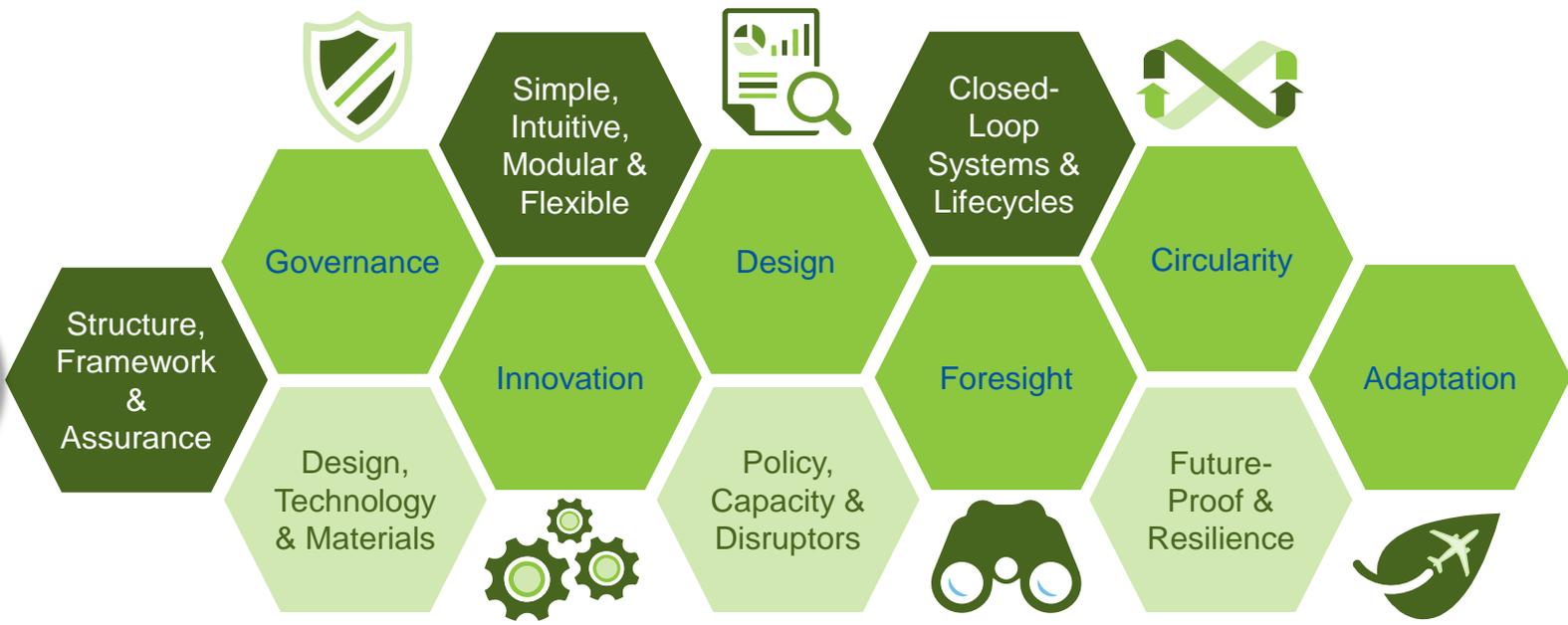
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CORE DNA



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MAKING THE CASE



LOWER
Environmental Footprint?



LESS Costs



LESS Risk



BETTER Performance



MORE Efficiency





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Benchmarks



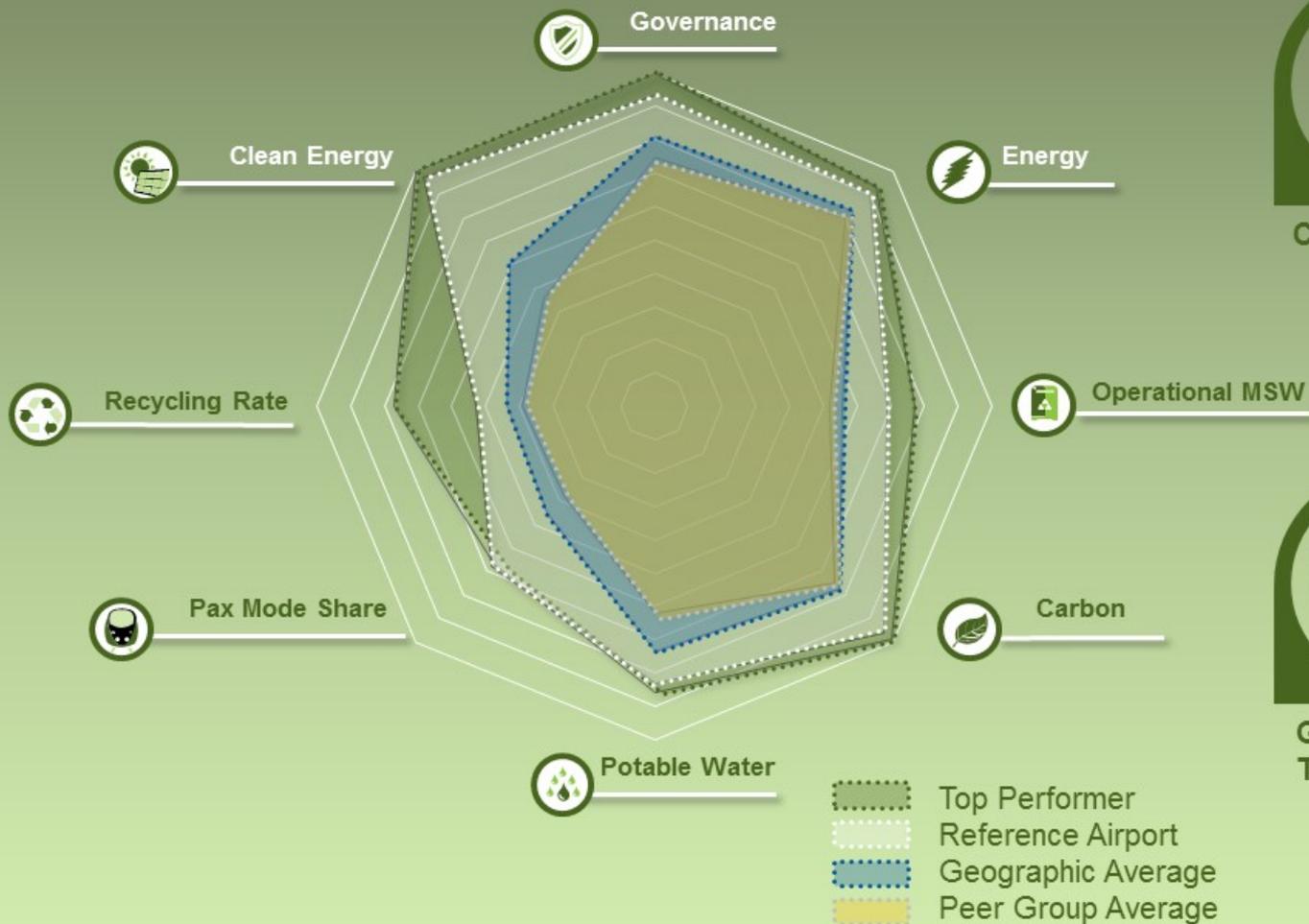
Case Studies



Best Practices



Goals & Targets



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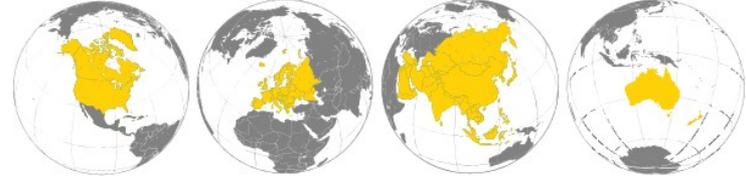
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Stars & Standouts

ARN | OSL | CPH | HEL
AMS | ZRH | BRU | MUC



Leading Edge

LHR | LGW | MAN
HKG | ICN | BKK | NRT | KIX
SFO | SEA | DFW | SAN | YVR | YUL | YYZ
MXP | FRA | CDG | MAD | HAM | LIS |
ATH | GVA | VIE



Beyond Compliance

AKL | CHC
SYD | ADL | BNE
DUB | STN | EDI | BRS | KEF
KUL | DOH | DXB
MSP | JFK | BOS



Business As Usual

THE MAJORITY!



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DOWN UNDER PERSPECTIVES

Recycled Water



Waste Minimisation



Carbon Reduction



Ground Transport



Aircraft Noise

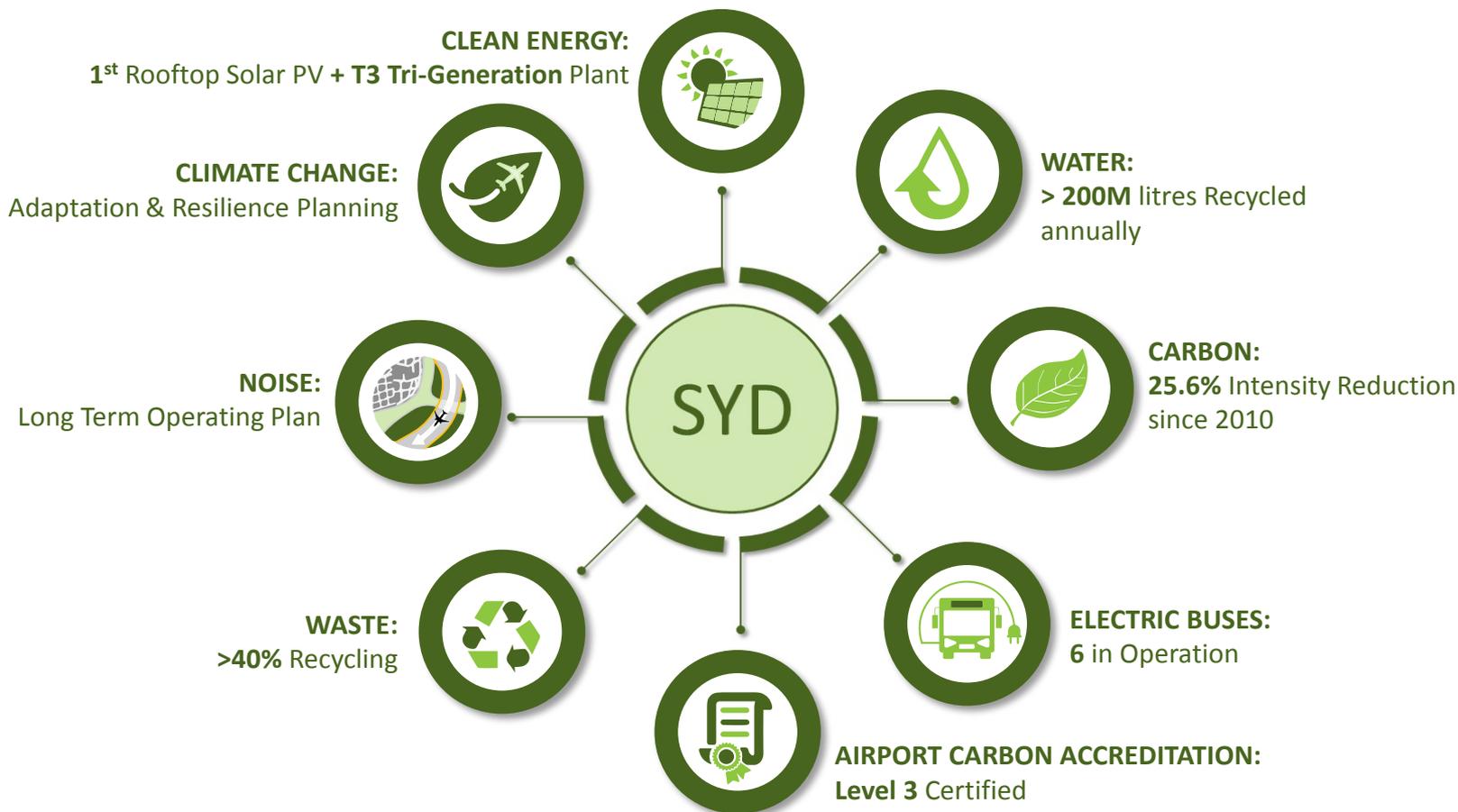


Clean Energy Sourcing



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SPOTLIGHT ON: SYD



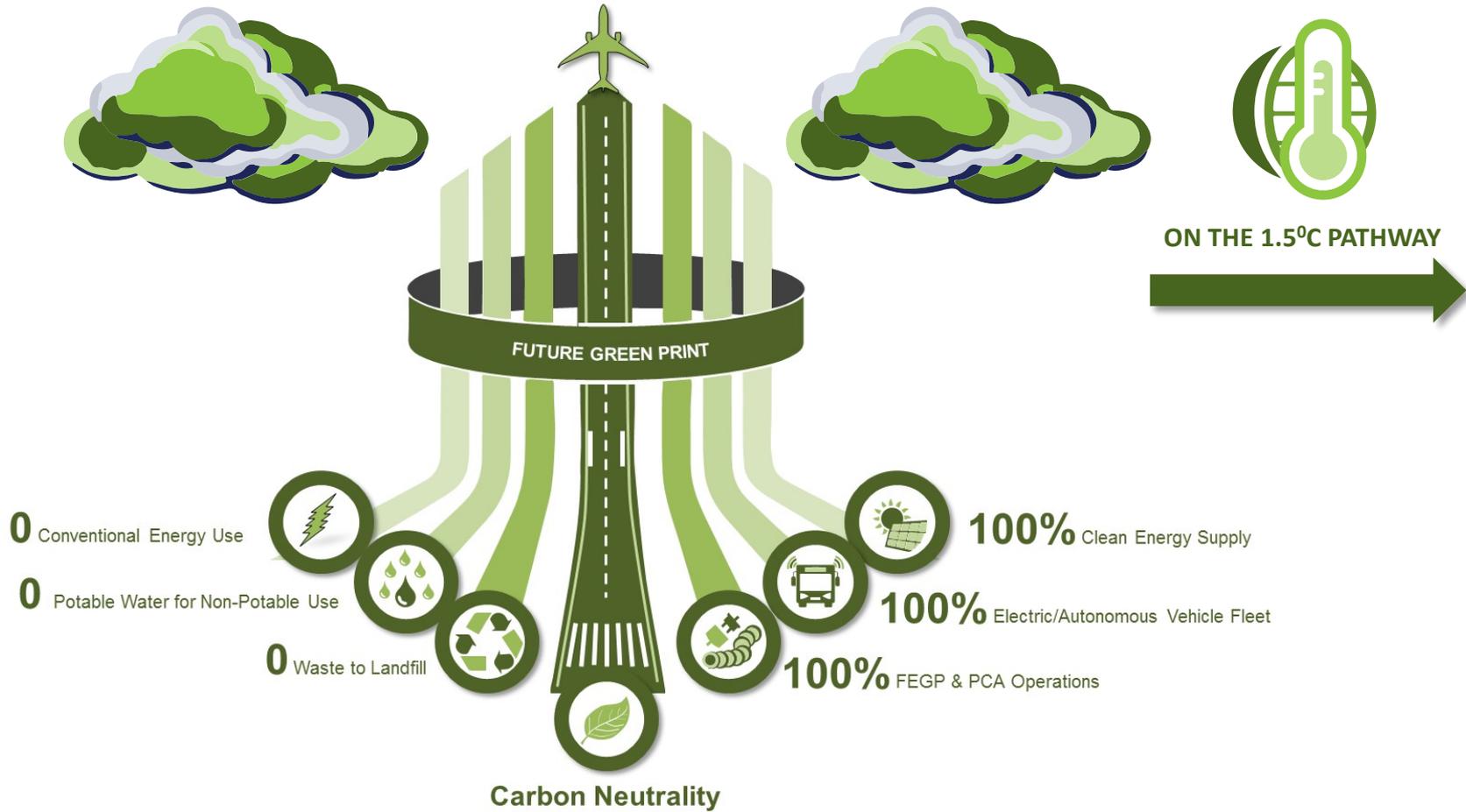


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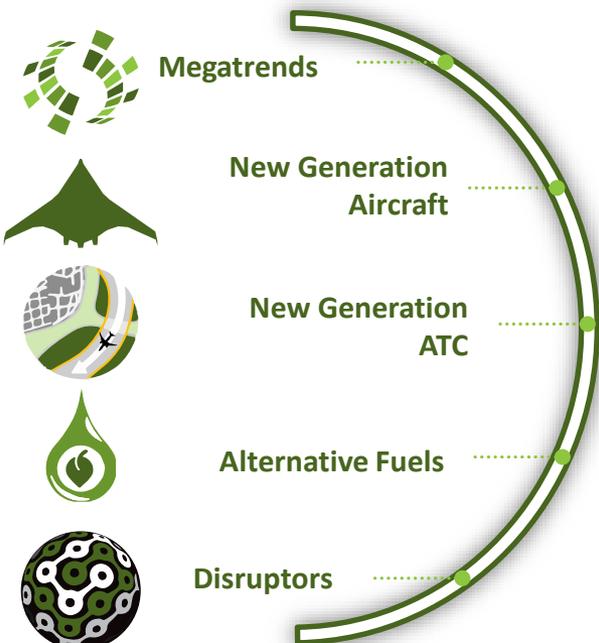
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GREEN 0 | 100 FUTURE



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THE GREEN PRINT



AIRSPACE

Single Sky | PBN | SWIM | Fly Q | CDA/CCD
E-Aircraft | Flexible Air Routes



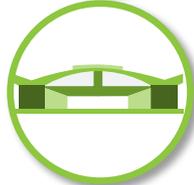
AIRFIELD

Solar/LED Lighting | EFC | Drone Surveillance
SW & Snow Mining | Mass-Scale Renewables



APRON

Green Ramps | MARS | A-CDM | AVs | Uber
Airside | Common Use GSE | Snow Melt Reuse



TERMINAL

FAST | CT | Passive/Active Energy Systems
BIMS & AMTS | RW Harvest | LEED Ratings



LANDSIDE

Waste Energy Recovery | Recycled WTP
Clean Energy Grid | Biotopes | Intermodality



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Key Takeaways

BENCHMARKS

**KEEP PACE
WITH THE
INDUSTRY
LEADERS**

TARGETS

**FOCUS ON
IMPROVED
OUTCOMES**

INNOVATION

**DRIVE
CHANGE,
DELIVER
VALUE**

