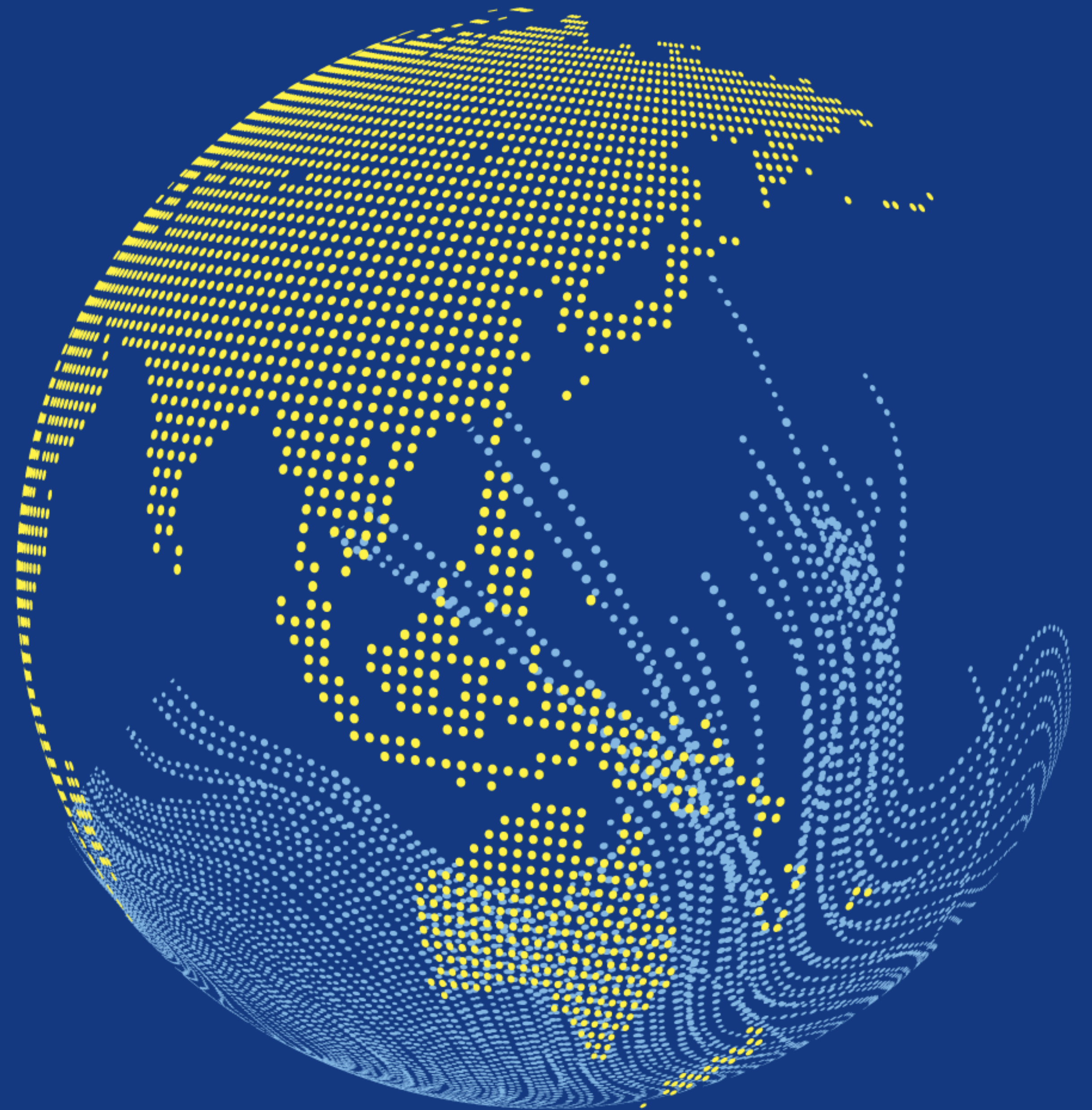




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Business Case for
Natural Refrigerants



12/02/2019

TOKYO

A decorative graphic consisting of several parallel diagonal lines in teal and white, forming a square shape.

Conclusions

12/02/2018 - Tokyo

Marc Chasserot

Group CEO, shecco

SUBSIDIES

for natural refrigerants will continue

STRICTER HFC REGULATION

Industry demands more strict regulation on high-GWP refrigerants, especially retail sector

HYDROCARBONS RISK ASSESSMENT

Open the possibilities in Japan, further conversation of HC solutions by domestic companies

“A standard without enforcement of authorities is just a standard. It is not mandatory. It is only mandatory until the governments say this is what you have to use for your product development”

**Marek Zgliczynski -
IEC SC61C Subcommittee**

REFRIGERATION COMPETITION GROWS

Domestic vs. Internationals = more, better and increasingly more cost efficient options for refrigerant end users

SUBSIDIES AS MAJOR DRIVER

But what will come afterwards?

INTERNATIONAL

More international suppliers active in Japan & more Japanese companies active abroad

“We really have to have a long term perspective and at the same time more pro-actively introduce natural refrigerants.”

Shinichiro Uto
Lawson

AMMONIA VS. CO2 TRANSCRITICAL

for industrial refrigeration

HYDROCARBONS

recognized as solutions by end users
as well as domestic suppliers

AIR-CONDITIONING & HVAC

Solutions needed to tackle the HFC
phase down under Kigali

**“Hydrocarbon waterloop
systems are increasing their
penetration around the
world. We would like to
introduce this technology to
Japan”**

**Katsuhiko Harada
Nihon Netsugen Systems**

NEXT STOP: SHANGHAI!

11-12/04/2019





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**Thank you
for listening.**

