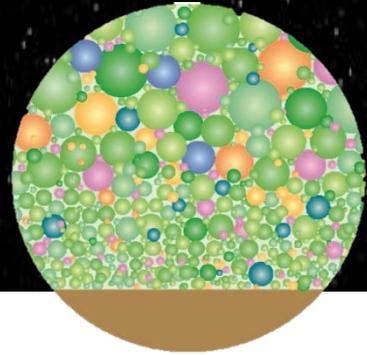


GAINA

Ceramic Insulation Technology

Application cases



NISSIN SANGYO CO.,LTD.

● Spain



Furniture store in Toledo



Building In Cadiz



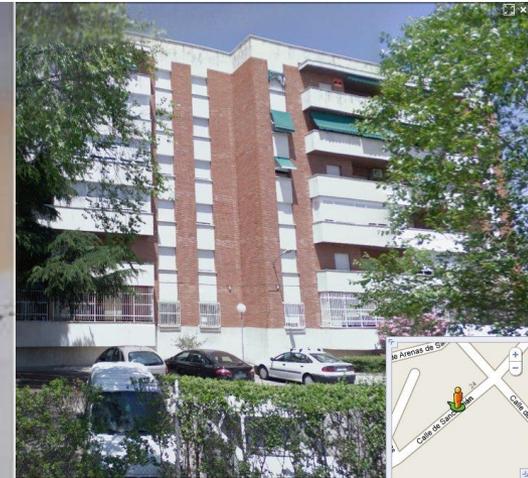
Golf club house



Restaurant

● Spain

Improvement for insulation / Dew problem / Sound proofing



Applied interior (Madrid)

● Spain

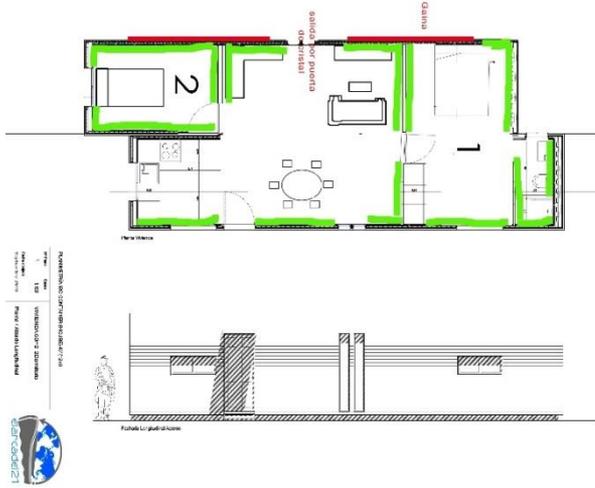
Designed by famous architect who came from Iran



Succeeded in energy saving Approx.50% after applying GAINA

● Spain

Container House (Improvement for insulation/Air freshener/etc.)



● Spain

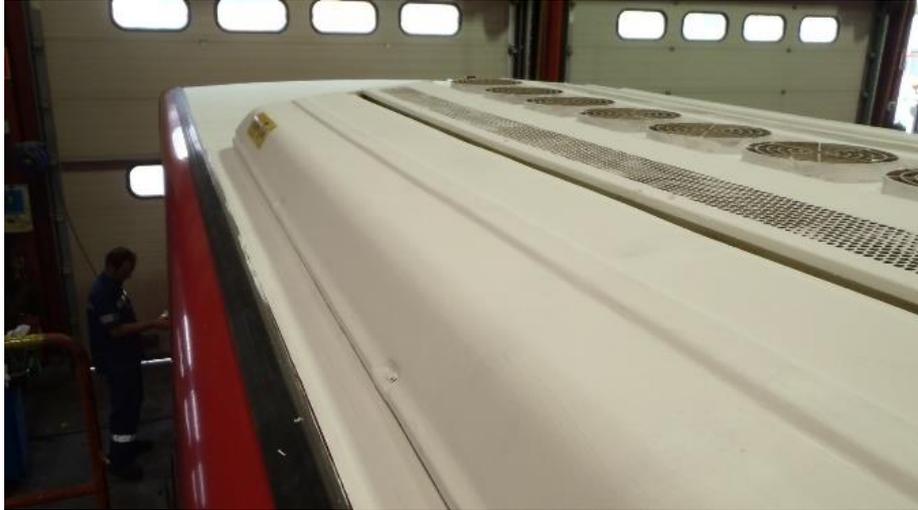
RENFE (Red Nacional de los Ferrocarriles Españoles)
Railway Factory of AVE



▶ More than 5 degree Celsius dropped down after applying.

● Spain

Shuttle Bus in Valencia



Spain

Navy Cruiser



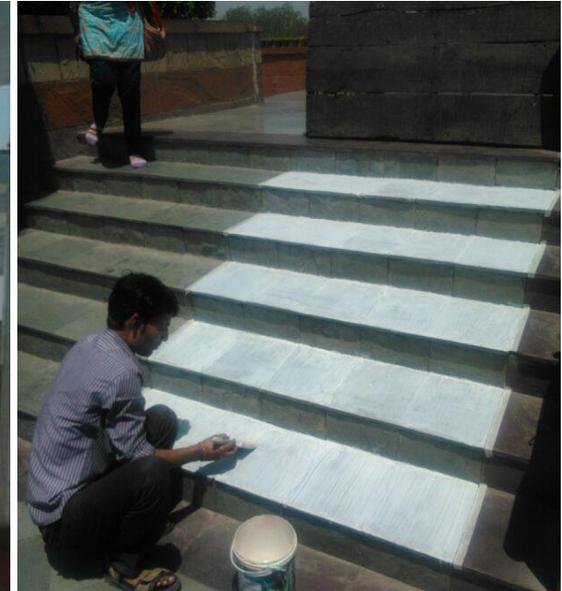
● Spain

Improvement for heat retention / preventing from condensation



● India

ISCON TEMPLE in New Deli (Protection from getting burned on the floor)



▶ Most of the Indian people take off their shoes when they visit temple. But the temperature of surface on the floor was too high to walk around. After applying GAINA, the temperature dropped down drastically.

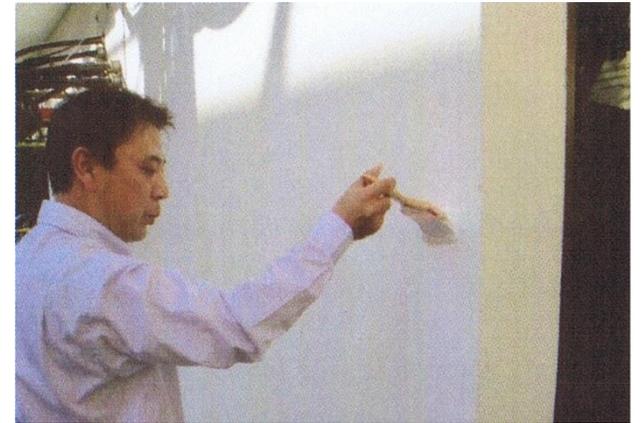
● Thailand

Inside temperature of factory dropped down drastically.



● Thailand

Prevention from rising temperature inside of telecommunication facilities.



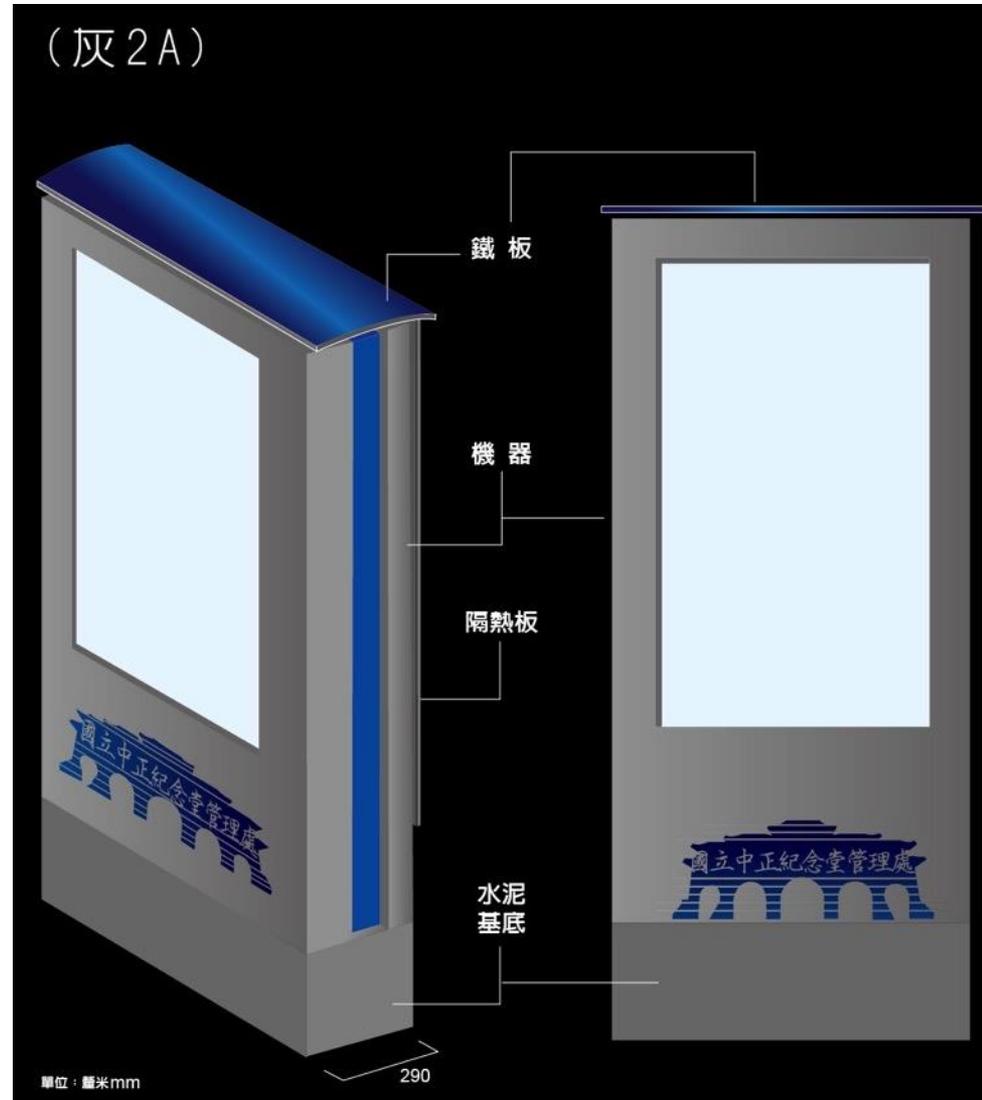
● Taiwan

National Chiang Kai-shek Memorial Hall



Project: 55 inch LED display

▶ Prevent from rising inside
Temperature of digital signage



Taiwan

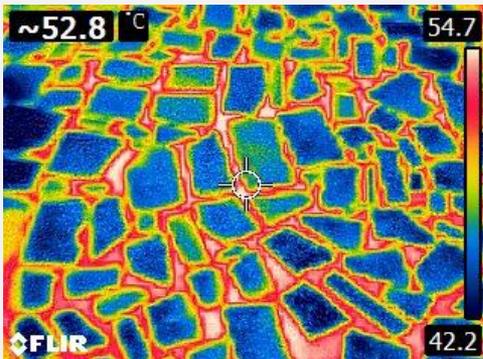
Prevent from heat penetration

Material : Marble

Date : 2015/8/3 17:18

Temp : 32°C

before



Temp. measurement



Normal 52.8 °C



G-W201 34.0 °C

Temp. diff. >18.8°C

● Taiwan

Prevent from heat accumulation

Material : RC

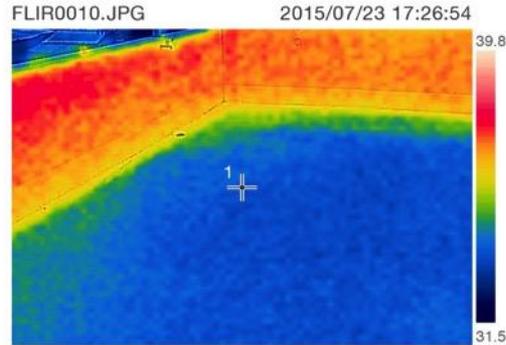
Date : 2015/7/23 17:26

Temp : 31°C

■ Before / After



■ Temp. measurement



Normal 44.1 °C



G-W201 31.5 °C

Temp. diff. >12.6°C

● Korea

Residential house



Improvement for insulation/Dew problem/Air freshener

● Korea

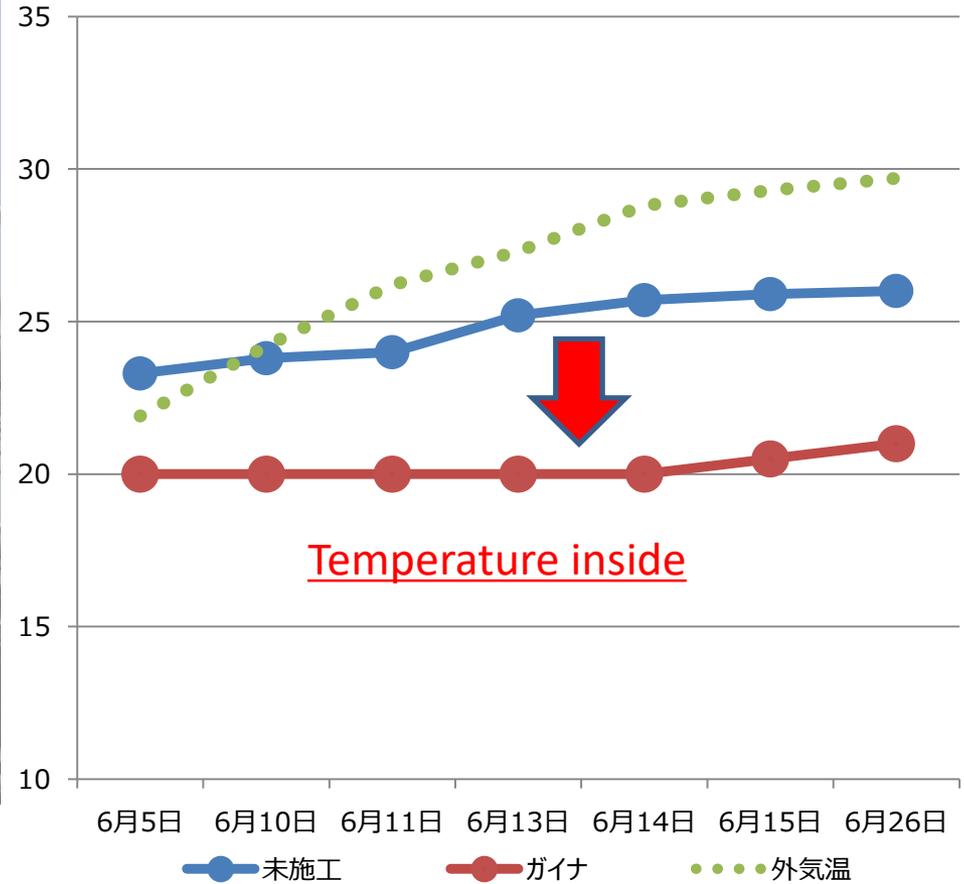
Residential house



Improvement for insulation/Dew problem/Air freshener

● Korea

Improvement for energy saving of GAS tank)

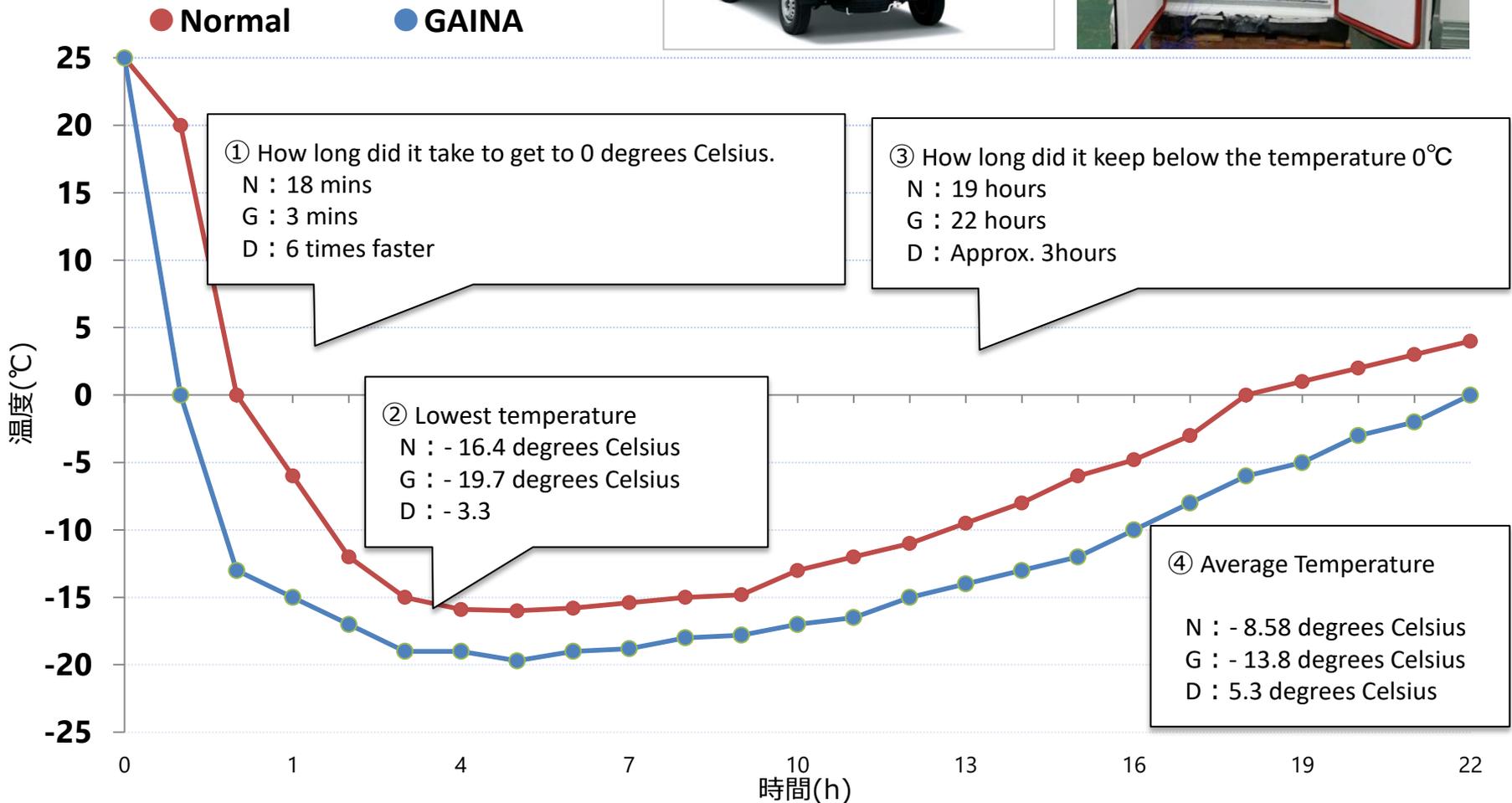
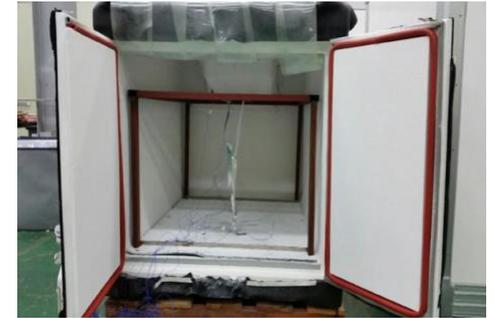


▶ GAS temperature inside dropped down at 5 degrees Celsius.

● Korea

■ Refrigerated truck

※ Evaluation by comparison with/without GAINA after installing refrigerant (PCM)



● Korea

Reduction of vibration in car



49 dB
(Before)



39 dB
(After)



• Vietnam

Building in Vietnam city Exterior wall coating



• Vietnam

Building in Vietnam city Internal wall coating



▪ Germany

Nikon office in Dusseldorf



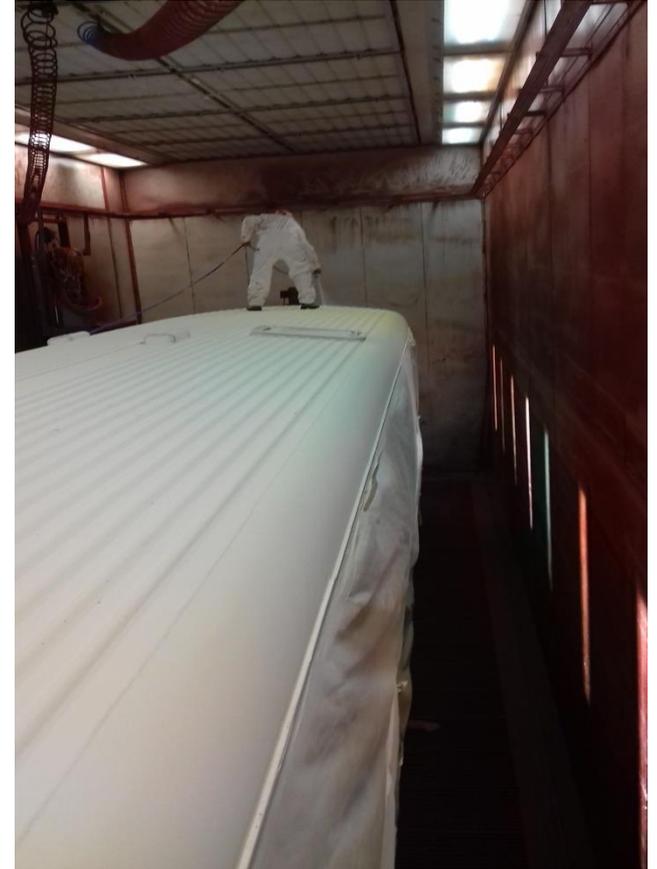
▪ Germany

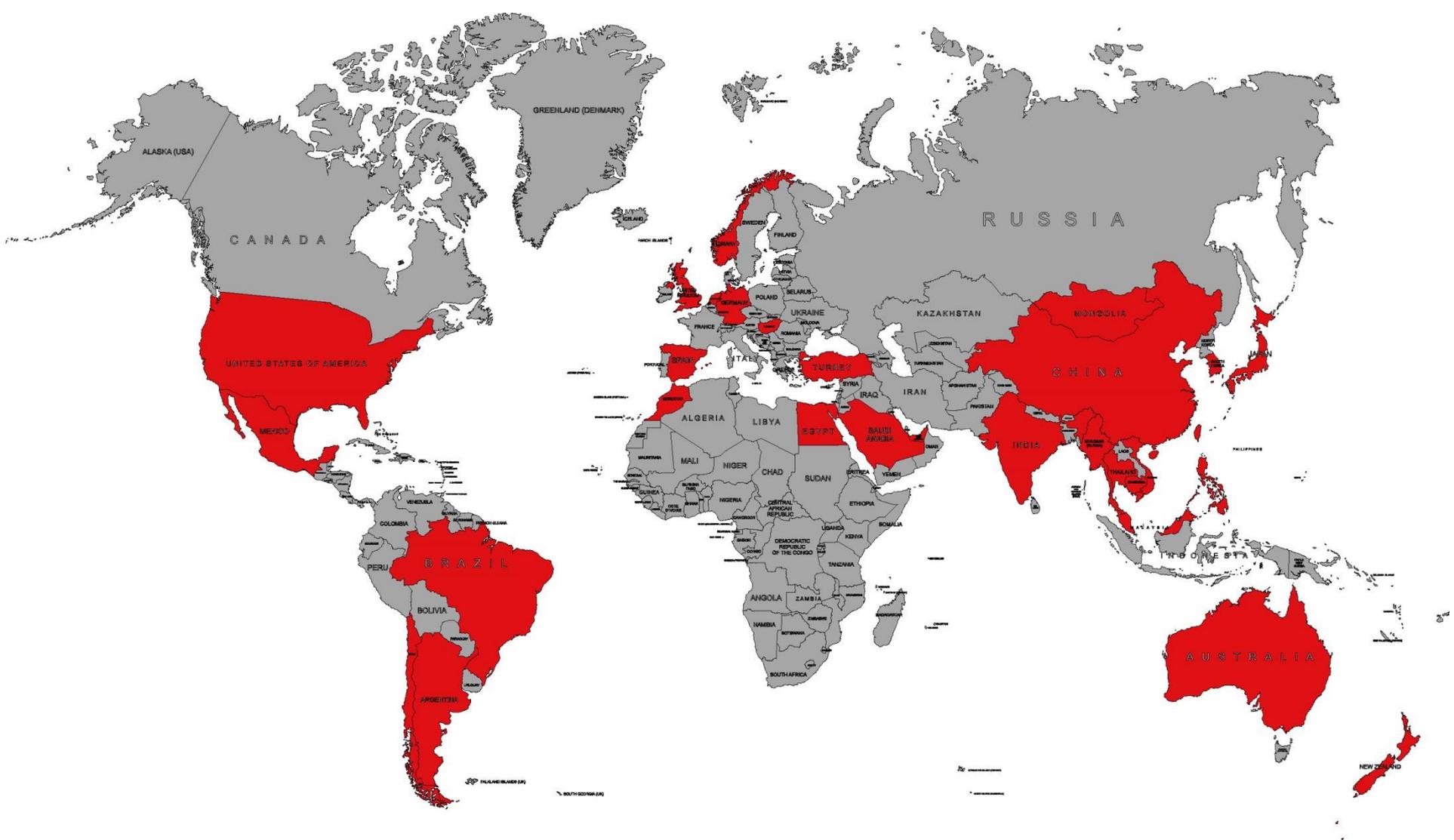
Mitsubishi Corporation office in Germany



▪ Hungary

The roof of a streetcar vehicle in Budapest





31 nations of export performances

- China
- India
- Korea
- Taiwan
- Thailand
- Malaysia
- Vietnam
- Philippines
- Cambodia
- Singapore
- Mongolia
- Sri Lanka
- Palau
- Australia
- Papua New Guinea
- Spain
- Norway
- Netherlands
- England
- Germany
- Turkey
- Morocco
- USA
- Mexico
- Chile
- Argentina
- Dubai
- Egypt
- Brazil
- Saudi Arabia
- Hungary