



Federal Ministry  
for Economic Affairs  
and Energy



MITTELSTAND  
**GLOBAL**  
ENERGY SOLUTIONS  
MADE IN GERMANY

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# Knauf Insulation's ECOSE Commitment to our customer

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*An introduction of Knauf Insulation*



Deutsches Wirtschaftsbüro  
German Trade Office  
Taipei  
德國經濟辦事處

Facilitator



Baden-Württemberg International

# 可耐福隔熱 - 公司介紹



## KNAUF INSULATION

Knauf Insulation represents one of the most respected names in insulation worldwide

40 years of experience in the insulation industry, leading proprietary technology and now investing in Asia.

## ENERGY EFFICIENCY

Committed to meeting the increasing demand for energy efficiency in new and existing homes, non-residential buildings and industrial applications.

## PERFORMANCE

Strong and steady financial performance with turnover of over €2 billion in 2017.

## 5,000 EMPLOYEES

More than 5,000 employees in more than 15 countries and more than 40 manufacturing sites.

# 可耐福家族的一員



## THE KNAUF GROUP

Established in 1932, Knauf is a family-owned multi-national manufacturer of building materials and construction systems.

## BUILDING MATERIALS

Originally a producer of conventional gypsum materials, now delivering systems and complete solutions for buildings worldwide.

## PERFORMANCE

Turnover of over €7 billion in 2017.

## 27,000 EMPLOYEES

More than 27,000 employees worldwide with more than 220 factories in more than 70 countries.

# 可耐福隔熱的願景



To have every homeowner in the world specifying insulation in their houses based on the energy efficiency, comfort, fire resistance and sustainability benefits.

# 節約能源是一個很大的挑戰



Our climate is changing. We need to dramatically reduce our greenhouse gas emissions.



Burning billions heating and cooling buildings is simply a waste. It's time to save energy.



Oil and gas supplies are shrinking. We need to reduce our dependence on fossil energy and stop wasting resources in buildings.



Delivering local high quality jobs is a major task for all economies. Energy efficiency in buildings can create hundreds of thousands of local green collar jobs.

# 用ECOSE®技術製造的玻璃纖維棉保溫隔熱材料



## Superior level of sustainability

- Manufactured from recycled materials
- Free from formaldehyde, phenols and acrylics
- Improves indoor air quality (compared to traditional glasswool)
- Improves the overall sustainability of buildings



## Superior handling

- Softer feel
- Less dusty
- Odourless
- Easy to cut

## Naturally brown colour

- No artificial colours or dyes added



## Benefits of traditional Glasswool

- Energy saving
- High insulation efficiency for maximum thermal comfort
- Non-combustibility for enhanced safety
- Superb acoustic performance
- Improved durability

# 新一代的玻纖維棉保溫斷熱材

## EARTHWOOL

快適なグラスウール断熱材

### Reduced handling

Unique compression packaging means more insulation per pack and more insulation per load.

### Less itch

The super soft feel comes from ECOSE<sup>®</sup> Technology, a revolutionary, patented binder based on rapidly renewable materials.



### Fire safe

You'll be glad to know it's completely non-combustible.

### Sound blocking

The sound absorbing qualities give you a quieter home.

### Made using recycled glass

Made using recycled glass bottles and sand, it's a great choice for the environmentally conscious.

# 革新的玻璃纖維棉保溫斷熱材



Naturally different  
the next generation of insulation

with **ECOSE**  
Knauf Insulation





# 馬來西亞新工廠（2020）



- Located in Johor – 10km from Singapore
- Large scale, lowest cost factory in Asia Pacific region
- Scheduled to be in production by early 2020.

# 可耐福隔熱在亞太區域的活動

- HQ based in Brisbane, Australia with sales offices in Australia, NZ, South Korea, Japan and Singapore.
- Working closely with local partners to provide high quality German product at competitive price
- Supporting local partners to explore various options to market our product in each local market.

# 本次參會的目標

- Identify potential partners in the “home building” and “commercial” sectors to introduce Knauf Insulation products.
- To gain an understanding of market requirements for:
  - Insulation performance
  - Insulation specification
  - Delivery options
  - Case studies

# 聯係我們



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# 謝謝！