

INVEST IN BETTER

# Technical Support

Our team of technical experts support operators, engineers and contractors in optimising the value gained from using our insulation systems. We can offer a reliable technical service at every stage of your project.

**At Armacell, we help you succeed.**

[www.armacell.com/energy](http://www.armacell.com/energy)



## TECHNICAL SUPPORT FOR THE ENERGY MARKET.

# Technical Support

Our job does not start nor end with the manufacturing and supply of the right products. We are there throughout the duration of your project helping operators, engineers and contractors receive the right training, follow best practice and to deal with any unexpected design or application challenge that may emerge.

Our goal-focused delivery ensures successful project delivery, on-time and on-budget. That's why we work with operators, EPC's and insulation contractors around the world to develop complete solutions, that meet and exceed our clients' expectations. From conceptual design, pre-Front End Engineering Design (FEED), FEED or during construction and execution phases, we can help you succeed.

Consultancy



Training



Testing



[Learn more about us.](#)

---

## ARMACELL ENERGY

Armacell's specialised energy division serves the Oil & Gas, petrochemical and power plants markets with a team of professionals around the globe for technical, calculation, application or testing and R&D support requirements related to our technical insulation systems. With 20+ years of experience in the flexible insulation market for industrial applications, our team is ready to help you design and install your insulation systems, improving site productivity and installed quality.

**// Our mission:** As a global industry innovator we know what matters to customers. To use high-performance insulation products, you need a partner that offers global R&D capabilities and problem-solving power. A partner that can give the end-to-end support your project needs. Offering superior technical expertise is an important part of our package and can add measurable value to your project from start to finish.

---

# INVEST IN BETTER

## We deliver:

- **Performance advantage**  
Our insulation systems innovate new technologies and focus on systems that deliver superior technical performance.
- **Project, operational and energy savings**  
Flexible, lighter and thinner systems. Easy maintenance. Connecting your business with lower lifecycle costs.
- **Asset integrity and safety**  
Mitigate the spread of corrosion under insulation. Best-in-class noise reduction.

24/7 \* 365  
GLOBAL SUPPORT

Armacell's industrial insulation systems can be found around the globe on the most prestigious Oil and Gas projects. Our team of specialists can give support during any stage of your project, wherever in the world.



# INVEST IN BETTER

# GLOBAL NETWORK, LOCAL

## // Acoustic services

We make recommendations, perform onsite audit assessments and provide practical solutions for your acoustic problems, from design through to operational stages of a project.

## // Specification support

Complete technical service during the project specification process, ensuring all product parameters and referenced standards are correct and up-to-date.

## // System optimisation

Calculation of thermal and acoustic insulation thicknesses based on client specifications and requirements.

## // Tip-Check energy audit

EiiF certified Tip-Check assessment. Professional, unbiased review of energy losses of existing insulation systems and advice for rectification to achieve targeted energy savings and return on investment.

## // Bespoke proof-point testing

Your proactive partner in the industry with real life simulation (mock-up test) to demonstrate capabilities of our insulation systems, designing and delivering a solution fit for your specific needs.

## // MTO - material take off calculation

Detailed calculation of material and accessories as per project design, giving you an expert opinion on efficient material usage (eg. waste reduction).



# PRESENCE.



## // Technical training

Technical knowledge related to specification and application of our insulation systems, providing you with a detailed understanding of available solutions.

## // Installation instructions

Detailed, straight forward instructions of installation principles via manuals, videos and much more. Available online 24/7.

## // Mock up and trial installation

Demonstrates the constructability of an insulation system and components, allowing the operator, EPC's and insulation contractors to be aligned on installation methods.

## // Application training

For installers and inspectors to improve site productivity and installed quality, reducing wastage and re-work. Successfully trained candidates receive certified accreditation.

## // Inspection and site support

On-site presence, advisory support, oversight, inspection, development of ITP's (Inspection and Test Plan) and consultancy. Get it right the first time.



# INSULATION IN ACTION

We're responding to global megatrends and insulating the future on these **iconic projects**



CANADA  
Terra Nova Deep Panuke

WEST SHETLANDS  
Laggan Tormore

BP Quad 204  
Schiehallion

UK  
BP Claire Ridge  
Cygnus Development Field  
Lancaster / Aoku Mizu FPSO

GERMANY  
EKB Viking

UNITED STATES  
Freeport LNG  
Yara Freeport LLC  
Port Arthur Ethylene Cracker  
Pennsylvania Chemicals (Franklin)  
LACC Project North America

Shell Deer Park

Shell Vito

GULF OF MEXICO  
BigFoot

TRINIDAD & TOBAGO  
AUM Complex  
Atlantic LNG

VENEZUELA  
Morón

ALGERIA  
Hassi Messaoud  
Skikda

EGYPT  
EBIC

NIGERIA  
Shell EA FPSO

ANGOLA  
BP Angola  
Greater Plutonio

Kizomba Satellites  
Tombua Landana

BRASIL  
Abreu e Lima Refinery (RNEST) unit (U-60)  
Abreu e Lima Refinery (RNEST) SNOX 1 (U-93)





**AZERBAIJAN**  
 Shah Denis Phase 1 & 2  
 (Sangachal Terminal)  
 SCPX Early Works and Facilities Project

**RUSSIA**  
 Amur Gas processing plant  
 Fosforit Ammonia plant  
 Yamal LNG plant

**KAZHAKSTAN**  
 EPC-4  
 Kashagan  
 Tengizchevroil Tengiz 3rd Gen.

Sakhalin Phase 1 & 2  
 Kuyumbinskoe oil field

**SOUTH KOREA**  
 South Nembra Platform  
 BP Mad Dog II  
 HII Barzan

**CHINA**  
 Fushun Refinery  
 Guangzhou Ethylene  
 Maintenance  
 Jincheng Yigao CBG  
 Liahoe Oilfield  
 Maoming Ethylene  
 Maintenance  
 Qi LU

Dalian LNG Terminal  
 Qingdao LNG Project

**YEMEN**  
 Yemen LNG

**VIETNAM**  
 HyoSung Vina Chemical

**THAILAND**  
 Platong Gas II  
 PTT LNG Terminal

**KUWAIT**  
 KNPC Al Zour

**UNITED ARAB EMIRATES**  
 Hyundai Heavy Industries NASR2

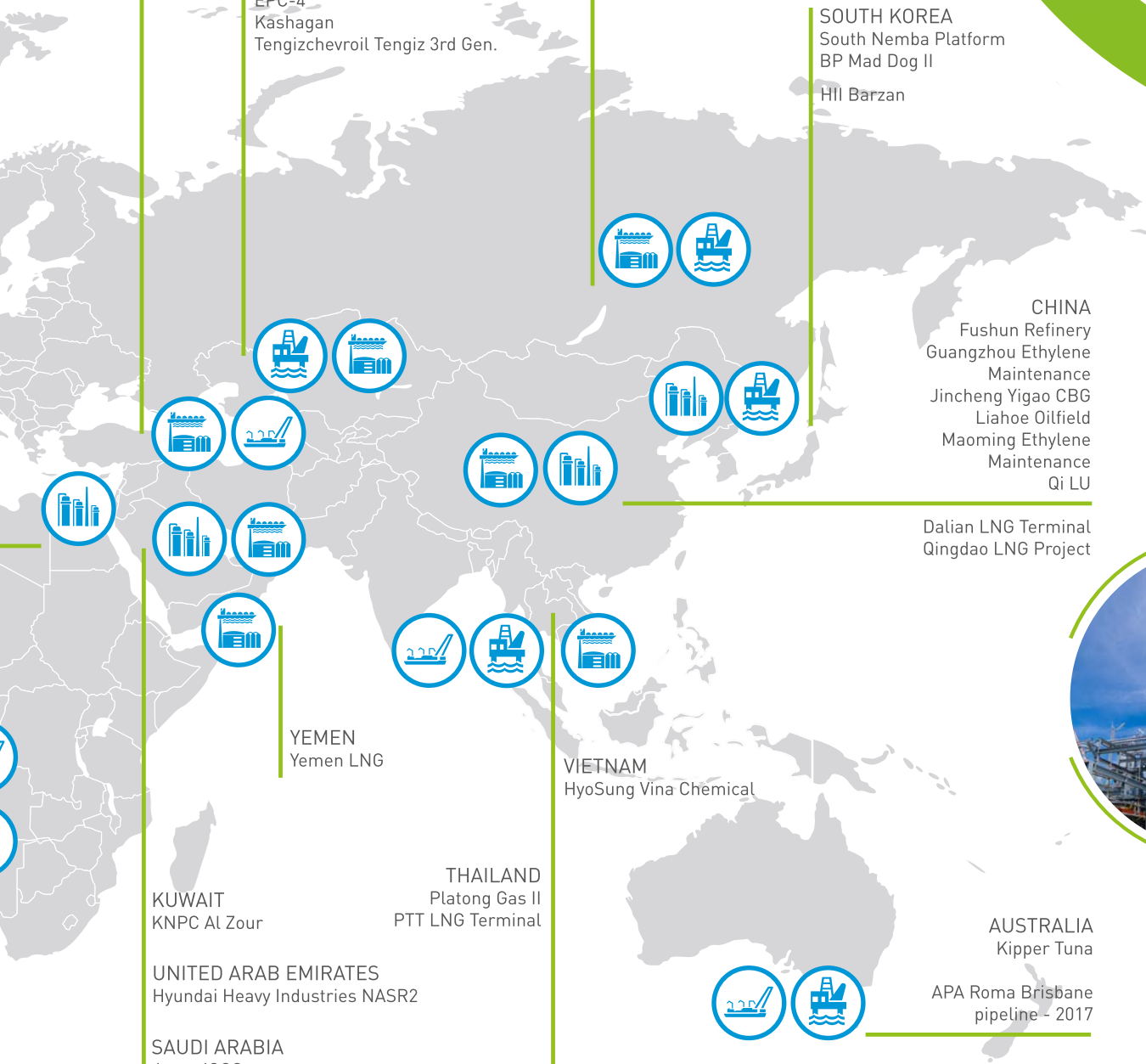
**SAUDI ARABIA**  
 Jazan IGCC

Saudi Kayan Olefins Plant

**SINGAPORE**  
 Chevron SRC

**AUSTRALIA**  
 Kipper Tuna

APA Roma Brisbane  
 pipeline - 2017



// Armacell Energy | Head Office  
London • United Kingdom

// Phone  
+44 330 880 4040 [Office hours: 9:00 - 17:00 UK]

// Email  
General enquiries oilandgas@armacell.com  
Technical enquiries technical.oilandgas@armacell.com

All data and technical information are based on results achieved under typical application conditions. It is the customer's responsibility to verify if the product is suitable for the intended application. The responsibility for professional and correct installation and compliance with relevant building regulations lies with the customer. By ordering/receiving product you accept the **Armacell General Terms and Conditions of Sale** applicable in the region. Please request a copy if you have not received these.

© Armacell, 2020. © and TM are trademarks of Armacell Group or one of its affiliated entities.  
00043 | Technical Services | Energy | Mktbrochure | 012020 | Global | EN Master

## ABOUT ARMACELL

---

As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With 3,100 employees and 24 production plants in 16 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for high-tech and lightweight applications and next generation aerogel blanket technology.

For more information, please visit:  
[www.armacell.com/energy](http://www.armacell.com/energy)