



**WidePlus** Textile

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**WORK TOGETHER WITH NATURE**

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Performance Textiles



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We understand your requirement for textile given the current situation. Here's how we are providing value solutions in performance textile.

We're here for you.

# Introduction

## Certification



Create<sup>+</sup>  
Lasting  
Value

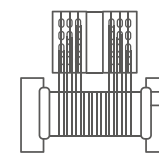


WidePlus International is a vertical fabric mill specializing in synthetic woven fabrics. Based in Taoyuan, Taiwan, we have 700 weaving looms, 30 dye machines and 3 stenter frames. We also have a full lab in both our office and mill.

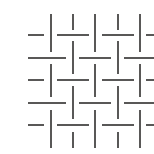
We focus on performance textiles for the Outdoor, Workwear, Uniform and Medical markets. Our R&D team is always searching for new technologies to bring into marketing. We only bring new technologies to market when it is truly better, not just new for the sake of new. These technologies will keep the wearer, warmer, cooler, drier or just more comfortable. A successful case is: miniR (reflects sun's rays back, keeping the wearer cooler and higher UPF rating).

WidePlus also try to keep each new product as environmentally friendly as possible. We have been a BLUESIGN system partner since 2012, have a GRS certification and OEKO-TEX certification. We also use recycled, biodegradable, bio-based and solution dyed yarns, which all tell a sustainable story.

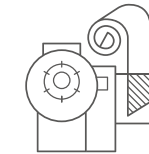
In addition to the range of our inline products, we are always interested in working on custom developments to fit our customers' needs. At WidePlus we live by our slogan every day "Create Lasting Value".



Warping



Weaving



Dyeing



In-house Lab



At the beginning of the project, W+ has been listening to customers' hearts and provide solutions. Through the cross-customer alliance, reduce environmental pollution and optimize performance. Moreover using the ingenuity performance textile to become all customers' textile solution provider thus hand in hand to create lasting value.

# Textile Solution Provider

As a manufacturer of performance textile to provide tailor-made solutions for our customer.





# Facility



## Factory Direct

We are direct factory managed, specializing in synthetic woven fabrics. In factory has:

- 700 Weaving Looms  
Manufacture of synthetic fibers, nylon and polyester fabrics, the maximum width of the fabric is 90 inches.
- 30 Dyeing Machines and 3 Stenter Frames  
The maximum width of dyeing and finishing fabric is 132 inches.
- 5 Million Yards Monthly Capacity  
Constantly improve our equipment every year to provide performance textiles for every customer and meet the market requirement.



## In-House Lab

In order to ensure the safety and stability of textiles, strict quality control system has been implemented in all aspects of research and development. Therefore, we had set up a constant temperature and humidity control laboratory to provide internal quality control(QC) while conducting extensive testing to make sure the quality requirements of customers' products and materials.





# Product

## Application



Performance Sport and Outdoor



Protective Worker Wear



Military Uniform



Smart Textile



Medical Textile



Non-apparel Applications

## Functional



Anti-Bacterial



2 Layer



Wicking



2.5 Layer



Quick Dry



3 Layer



Waterproof



2 Way Stretch



PFC-Free  
WR or DWR 80/10, 80/20



4 Way Stretch





# Greener Every Yard

Committed to sustainability, WidePlus endeavors to generate greening value through our bio-conscious fabrics and international green certifications. With environmentally conscious production processes, we create products that not only excel but also contribute to the well-being of our planet. Greener Every Yard, our sustainable approach ensures that each fabric is a step towards a more eco-friendly future.

## Recycle Yarn



Polyester



Nylon



Nylon by Fishing Net

## Dope-Dyed Yarn



Customized Color



High Visible Yellow

## Mono-Content



Recycled Polyester



Recycle PET Membrane



Recycled Nylon



Recycle Nylon Membrane

# Promoting Green Values Across the Industry



Reduced CO2 emissions



Lower carbon footprint



easy and efficient recycling



Saves fossil resources

## Bio-Based Yarn



Polyester



Nylon



Spandex

## Bio-Based Chemical



Wicking



PFC-FREE DWR



Anti-Bacterial



Nylon Based



Nylon Recyclable



Recycled TPE



# Summer Protector

miniR® fabrics can help reflect the sun's NIR rays and provide a higher UPF rating. This function is permanent as it is inherent in the yarn and will not wash out. The varied cross-section yarn promotes a soft hand and wicking to keep you comfortable through and warm weather activity.



Soft Touch



UV - Cut



Quick Dry



ECO Sustainable

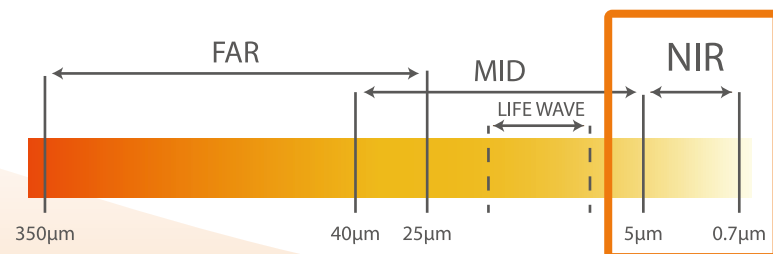
## Do you know?

The sun's near-infrared rays are invisible to the naked eye, but they absorb and generate energy in our clothes, this energy will generate heat. At this moment, miniR® can help reflect near-infrared rays, so it is a "summer protector."



DR. W

### • Near-Infrared Region (NIR) | Reflective Technology




# Summer Cooling Solution

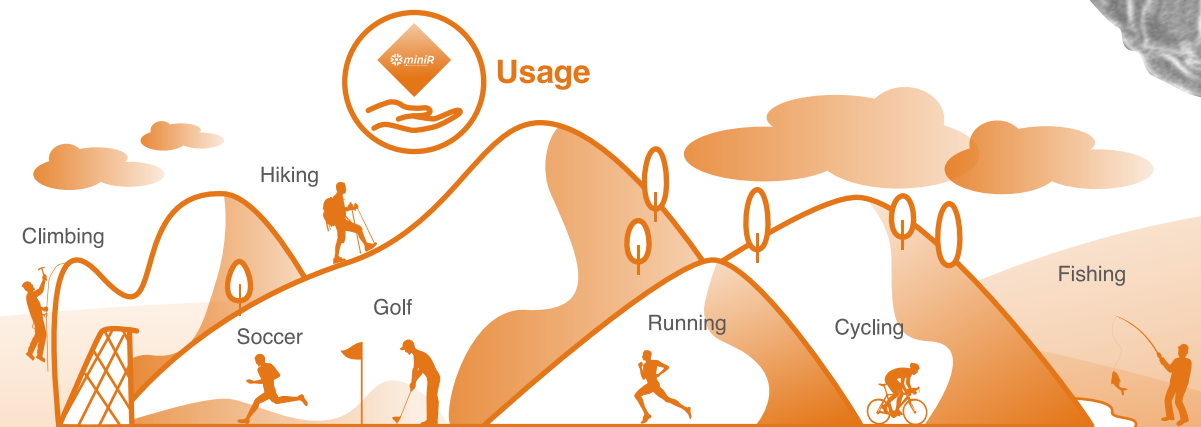
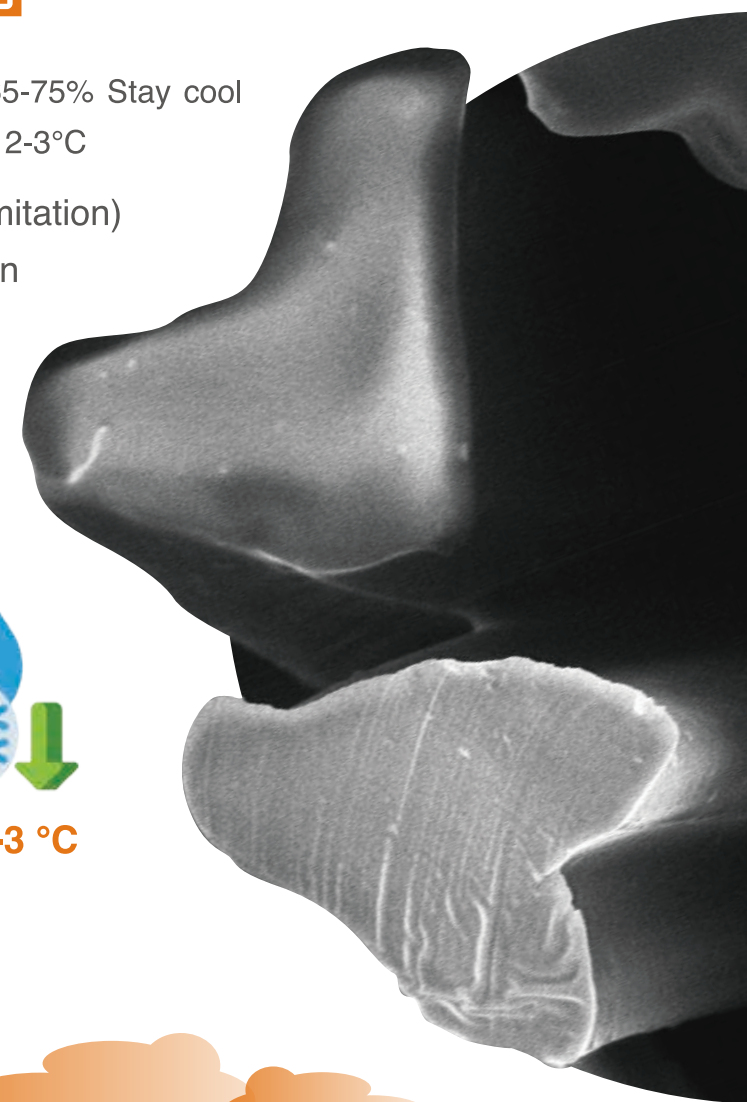
## Cooling System

miniR® fabrics could reflection NIR about 65-75% Stay cool and comfortable to wear, effective cool down 2-3°C

- ✓ UPF 50+ (base on color & weight limitation)
- ✓ Permanent multi-functional from yarn
- ✓ 65 % ~75 % NIR reflection
- ✓ Lower temperature 2-3 degree C



Lower 2-3 °C





# A NEW AGE

HIGH LEVEL OF WATERPROOF, AND BREATHABILITY 3 LAYERS

WH3.PRO 3 Layers made with High-Performance Film, this fabric offers superior performance with a minimum of 25K mmH2O of waterproofness and 40K g/m2/24hrs of breathability. We manufacture the lightweight 3-layer fabric that offers targeted breathability for high-intensity outdoor activewear during all-around-the-season expeditions.

- ✓ Lightweight
- ✓ High breathable
- ✓ High waterproof
- ✓ Pass rain test
- ✓ 10 micron of lightweight membrane



**WH3.PRO** is a technology that has excellent breathability and a high level of waterproof.

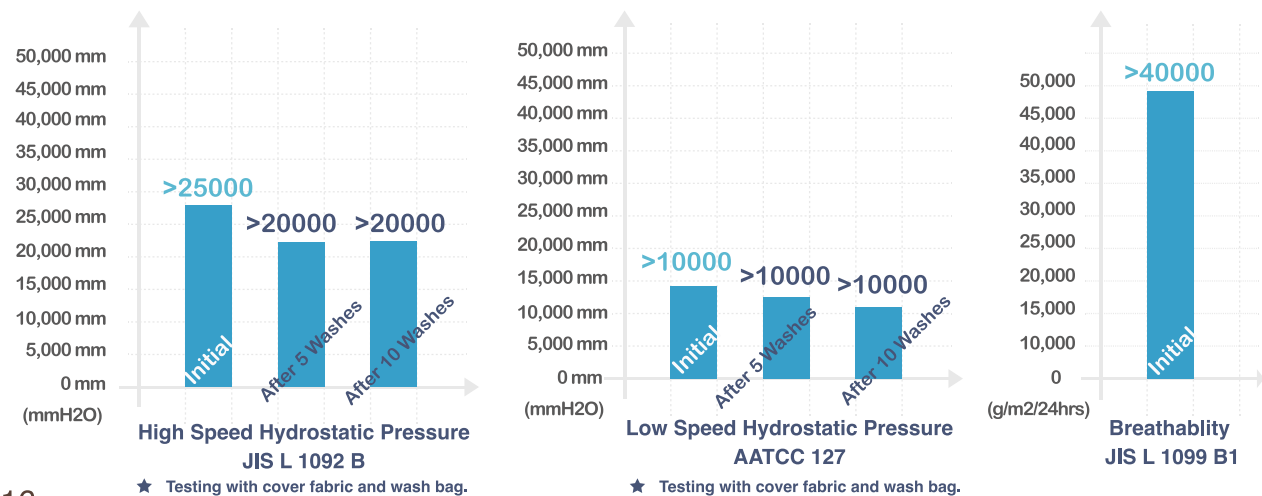
Waterproof >25000mmH2O (JIS L 1092B)

Breathability >40000g/m2/24Hrs (JIS L 1099B1)

Hydrophilic Non-porous PU Membrane Lamination

## WATERPROOF & BREATHABILITY

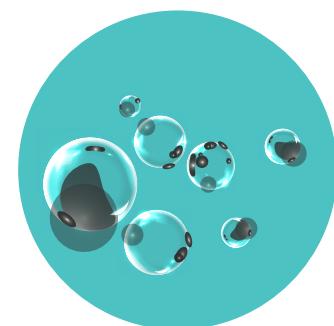
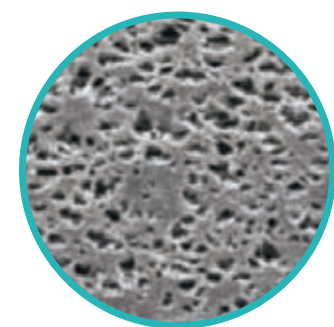
Testing Report: It depends on the different type of fabric



# A NEW AGE

HIGH LEVEL OF WATERPROOF, AND BREATHABILITY 3 LAYERS

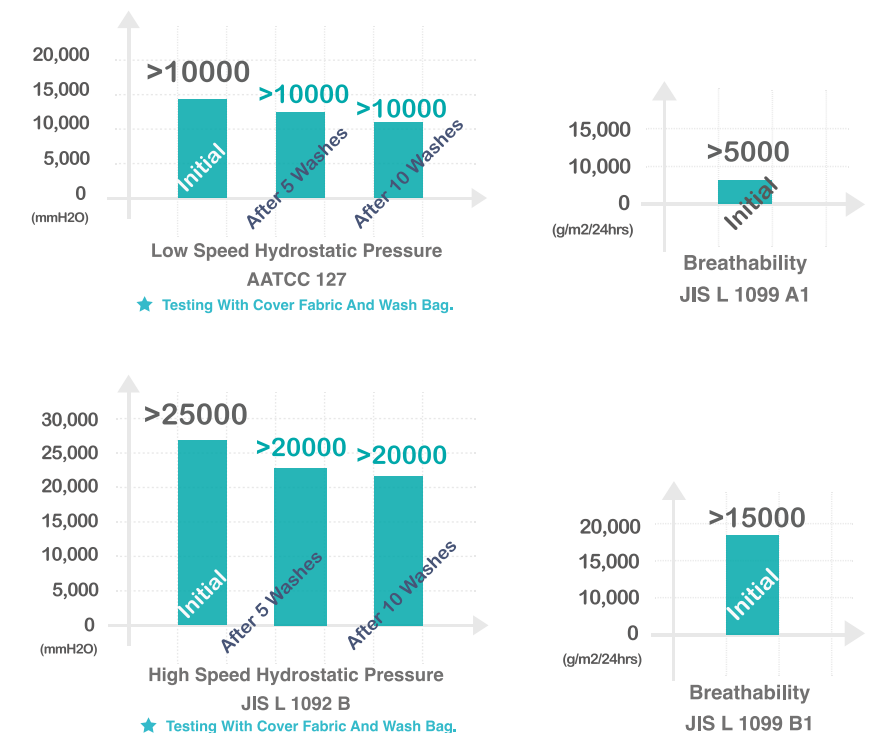
**WM3.PRO** 3 Layers made with High-Performance Film, this fabric offers superior performance with a minimum of 25K mmH2O of waterproof and 18K g/m2/24hrs of breathability. We manufacture the lightweight 3 layer fabric that offers targeted breathability for high-intensity outdoor activewear during all-around-the-season expeditions.



- ✓ High level of waterproof
- ✓ High level of moisture permeability performance
- ✓ A microporous, hydrophobic PU Lamination technology
- ✓ Air permeability ASTM D737:0.025-0.04 cfm

## WATERPROOF & BREATHABILITY

Testing Report: It depends on the different type of fabric



## Contact and Follow Us

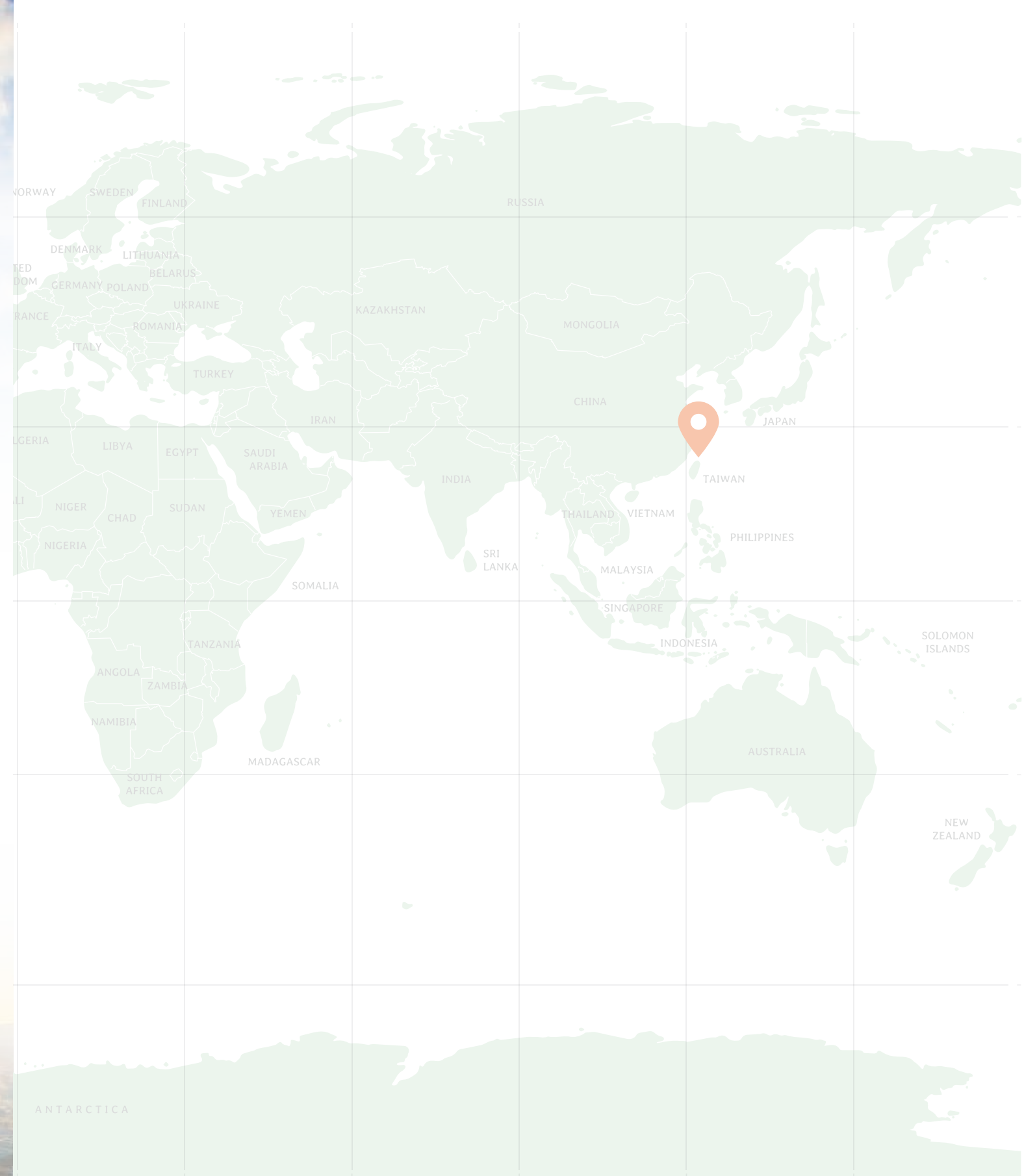
The innovation is no longer just for creating value to benefit individuals or societies. The rapid change in globalization and technological advances will enhance W+ to create more valuable solutions and a smart future where people can enjoy the best quality of life possible. So we suggest you follow our social media and website to get the latest news.



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