

## **ASIA PACIFIC INNOVATION CENTER** INSPIRE. CONNECT. ENGAGE.

DHL DRIVES INNOVATION IN LOGISTICS BY SHOWCASING THE FUTURE OF THE INDUSTRY AND PROVIDING A COLLABORATIVE PLATFORM TO DEVELOP **CUTTING-EDGE BUSINESS SOLUTIONS** 

#### THE INNOVATION CENTER

- SIZE: 623m<sup>2</sup>
- 1<sup>st</sup> DHL INNOVATION CENTER HOUSED **OUTSIDE OF GERMANY**
- SINGAPORE IS DHL'S 2<sup>nd</sup> INNOVATION CENTER **IN THE WORLD**
- 3 GOALS OF THE INNOVATION CENTER: **INSPIRE, CONNECT, ENGAGE**

THE LOGISTICS INDUSTRY BY TRANSFORMING TRENDS AND MARKET INSIGHTS INTO NEW BUSINESS CONCEPTS AND PROTOTYPES

**CONNECT** AND BUILD LONG-TERM PARTNERSHIPS WITH CUSTOMERS, PARTNERS AND ACADEMIA

**ENGAGE**IN CUSTOMER WORKSHOPS AND COLLABORATIVE PROJECTS ON LOGISTICS TRENDS AND BEST PRACTICES

#### VISITOR EXPERIENCE AT THE INNOVATION CENTER

#### **SOLUTIONS SPHERE**

LEARN ABOUT THE BEST PRACTICES ALONG THE END-TO-END SUPPLY CHAIN

#### **CENTERPIECE: AUTOMATION** AND ROBOTICS

UNDERSTAND THE INNOVATION JOURNEY - FROM VISIONS TO TRENDS AND TO SOLUTIONS, WITH A FOCUS ON ROBOTICS AND AUTOMATION

#### **APAC TRENDS WALL**

**IDENTIFY THE OPPORTUNITIES AND** CHALLENGES OF LOGISTICS IN ASIA PACIFIC

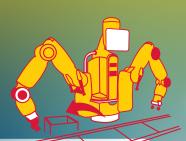
#### TREND CURVES

DISCOVER NEW INDUSTRY TRENDS AND **EXPLORE THEIR USAGE IN LOGISTICS** 



# ASIA PACIFIC INNOVATION CENTER INNOVATION SHOWCASES

THE INNOVATION CENTER PROVIDES A PLATFORM FOR DHL AND ITS CUSTOMERS TO COLLABORATE ON PROJECTS, AND BRING NEW IDEAS TO LIFE



# **AUTOMATION AND ROBOTICS**

ADVANCED ROBOTICS TECHNOLOGY CAN BE PRE-PROGRAMMED TO PICK AND PACK ITEMS, AND PLACE THEM ONTO AUTONOMOUS OPEN SHUTTLES. ROBOTICS IS AN ALTERNATIVE TO MANUAL HANDLING THAT SUPPORTS ZERO-DEFECT LOGISTICS PROCESSES AND ENHANCES PRODUCTIVITY

### **AUGMENTED REALITY**

AUGMENTED REALITY APPLICATIONS CAN REACT IN REAL-TIME, INTEGRATING LAYERS OF CONTEXTUAL INFORMATION FOR NEW PERSPECTIVES IN LOGISTICS PLANNING, PROCESS EXECUTION AND VISUAL ANALYTICS

VISION PICKING, PACKING AND SORTING SMART GLASSES CAN SCAN BARCODES AND ASSIST WITH TASKS TO INCREASE PRODUCTIVITY AND REDUCE ERRORS

VALUE-ADD: ASSEMBLY AND REPAIR SMART GLASSES PROVIDE STEP-BY-STEP VISUAL INSTRUCTIONS FOR THE TASK AND IDENTIFY ANY QUALITY ISSUES TO THE USER IN REAL TIME



# UNMANNED AERIAL VEHICLES

UNMANNED AERIAL VEHICLES SHOWCASE
POSSIBILITIES SUCH AS SURVEILLANCE AND URBAN
AND RURAL DELIVERY. DHL WAS FIRST IN THE WORLD
TO PILOT THE DELIVERY OF GOODS VIA A UAV ON THE
ISLAND OF JUIST IN GERMANY



## **SELF-DRIVING VEHICLES**

SELF-DRIVING VEHICLES CAN BE DEPLOYED TO MOVE PRODUCTS AROUND ANY ENVIRONMENT, AS DIRECTED. THIS OFFERS NEW WAREHOUSE AND TRANSPORT SOLUTIONS, ENHANCING EFFICIENCY AND SAFETY

## MAINTENANCE ON DEMAND

SMART TRUCKS CAN IDENTIFY WHERE AND WHEN THEY NEED TO UNDERGO MAINTENANCE, BOOSTING VEHICLES' UPTIME BY 30%

