Accelerating Solutions for Better Packaging
Pack Studios is a revolutionary global initiative from The Dow Chemical Company (Dow) dedicated to driving faster, more efficient product development and commercialization. Three pillars focus Pack Studios’ commitment to help our friends across the value chain succeed:

**Collaborate**
Through new collaboration tools and regional innovation centers, Pack Studios provides effective and efficient interaction between you, Dow and an extensive external network of value chain partners consisting of equipment manufacturers, converters, brand owners, packaging designers, prototyping specialists, academia, technicians, and scientists – an exceptional benefit not found elsewhere.

**Innovate**
Pack Studios provides commercial-scale production facilities, physical and analytical properties labs, application testing, and sensory science capabilities. These capabilities enable packaging innovation by allowing you to conceptualize, develop, and test on site. You get dedicated experimentation without sacrificing precious line time on your equipment.

**Accelerate**
Pack Studios adapts the network’s global technical and market expertise to your geographic needs. By providing regional innovation centers around the world with equipment tailored for local requirements, Pack Studios can potentially help you quickly meet specific requirements and shorten time-to-market.

Approaching 120 years in business, Dow has a proud history of innovation, having developed thousands of products and many ground-breaking technologies serving numerous applications and industries. Over the last several years, Dow Performance Packaging has helped customers drive innovation in packaging through collaborative engagements with key value chain members, including converters, equipment manufacturers, brand owners, and retailers.

Building upon this desire for greater collaboration, Dow leveraged its industry-leading positions and distinctive process capabilities such as sensory analytics, prototyping, and application testing at regional technical centers to enable focused development of new or improved materials for primary, secondary, and tertiary packaging.

Setting a New Standard
From these efforts, the Pack Studios concept emerged. Pack Studios represents a new model for collaboration. It offers Dow customers an advantageous position to leverage Dow’s expertise, broad product portfolio, and application testing capabilities as well as the ability to access a global network of additional industry experts and resources to help accelerate the development of packaging solutions.

Pack Studios builds on the strong foundation of existing global opportunities and expertise with new capabilities and collaboration tools. The result of this powerful combination of collaboration and capabilities promises the potential for considerably faster go-to-market timelines and a consistent pipeline of high performance products that enable growth for Dow customers across the value chain.
A VFFS line in Horgen, a laminating line in Mozzate, blow molding and shrink-wrap capabilities in Freeport are backed by collaborative brain power across Pack Studios’ global network.
Increase Your Competitive Advantage

Others in the industry offer collaborative services, but Dow is the only materials supplier that has the breadth of products, technical expertise, and quantity of application capabilities to offer total packaging solutions in every corner of the world.

Pack Studios is a multifaceted network composed of Dow specialists with years of expertise, insightful industry partners across the value chain, equipment manufacturers, academics in the plastics and packaging fields, plus world-class analytical and physical testing labs, commercial-scale production facilities, physical and virtual meeting centers, and much more. These uncommon resources work together seamlessly to offer Dow customers the opportunity to collaborate with dedicated technical professionals who can conceptualize, fabricate, test, and validate their flexible and rigid packaging ideas – all on site at a growing number of physical locations around the world. The results? More involvement, more innovation, and quicker development and commercialization of new products.

Capabilities Around the World

Each center features collaboration rooms to inspire innovative thinking, virtual collaboration tools to enable connectivity between all of the regional centers, and global networks to identify and accelerate localized packaging solutions, including materials and market expertise on functionality, design, shelf appeal, sustainable properties, and emerging science.
Horgen
- Collaboration Room
- Thermoforming Tray Lidding Packaging Line
- Vertical Form Fill Seal Packaging Line
- Horizontal Stand Up Pouch FFS Line
- Pack Drop Test Station
- 5- and 7-Layer Coextrusion Barrier Lines
- Extrusion Coating Line
- Coextrusion Blown Film Line for foamed films
- Cast Film Lines
- Two Lamination Lines (plus Slitting Station)
- High Speed Camera Process Analysis
- Skin Packaging Capability

Mozzate
- Collaboration Room
- Nordmeccanica SuperCombi 3000 Industrial Scale SB and SL Laminator

Shanghai
- Collaboration Room
- Pilot Coating Line
- Multilayer Laminator
- High Speed Sachet Packaging Line
- Vertical Form Fill Seal Packaging Line
- 7-Layer Blown Film Line
- Full packaging application testing capabilities for polyethylene, adhesives, and functional polymers

Singapore
- Collaboration Room
- Three Blown Film Lines
- Extrusion Coating Line
- 5-Layer Cast Film Line with Machine Direction Orientation (MDO)
- Stand Up Pouch (SUP) Prototyping

Global Breadth.
Local Agility.
As demonstrated in the map listings, Pack Studios features a robust assortment of state-of-the-art fabrication lines and commercial-scale packaging lines. Converters and brand owners can work with real-world equipment at their preferred Pack Studios location, alleviating the need to shut down their production lines to test new products. Such capabilities positively affect cost efficiencies at both ends of the production spectrum and help accelerate the commercialization process.

**Equipment**

Pack Studios provides the tools necessary to bring new packaging innovations across the entire marketplace. Industry-scale fabrication lines create commercial-quality products for evaluation. A variety of commercial-scale packaging equipment, including Vertical and Horizontal Form Fill Seal lines, allows testing of packaging structures in real-world situations. Shrink tunnels, stretch wrap, and stretch hooder platforms help validate the newest applications. With Pack Studios, creating next-generation products for the full spectrum of primary, secondary, and tertiary packaging is possible.

**Labs & Testing**

World-class sensory science labs offer ASTM-certified evaluation of package components’ taste, odor, touch, and sound qualities. Additionally, an incredible battery of physical and analytical testing options, including excellent microscopy capabilities, offers unparalleled developmental support. Drop testing, stretch film testing, top-load testing, and many others are among the options for both rigid and flexible packaging.

**Expertise**

Your association with Pack Studios virtually assures that you’ll get connected to the people who have the answers you need. More than just your trusted Dow associates, the global network of professionals engaged with Pack Studios from around the world and across the packaging industry offers an incredible wealth of expertise at your fingertips.
Pack Studios Academy

Shared knowledge has been another cornerstone of Dow’s customer relationships throughout our history. Never have we had a better forum for expanding this ideal than now through Pack Studios.

Our newest offering, Pack Studios Academy, offers our valued customers an exclusive one-of-a-kind learning tool. On-site forums bring to you an unparalleled global network of packaging industry professionals ready to share a wide-ranging scope of experience.

Topics could include our Material Science 101 course, Fabrication Technologies in conjunction with our OEM partners, E-Commerce issues, or other important subjects facing the industry.

From equipment manufacturers to package designers and prototyping studios, academics to technicians, material scientists to distributors and brand owners, Pack Studios Academy helps break down silos in the discussion and expand one’s scope.

Let’s Make It Happen!

Visit www.packstudios.com to learn more, and contact your Dow Sales or Technical Service & Development representative to collaborate, innovate, and accelerate your existing and new packaging opportunities.

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