



# Lifecycle360 | Innovation Services



Confidential Development, Testing and Commercialization  
for Your Next Innovation



CPM | CROWN LIFECYCLE 360

Innovation Services

## Comprehensive Lifecycle Support You Can Trust

**CPM | Crown's Lifecycle360** is a comprehensive suite of support solutions designed to help you and your team streamline and optimize the full lifecycle of your facility, from pre-engineering to long-term maintenance needs. Our global team of field service specialists has assessed, supported, installed, commissioned and started up thousands of projects and facilities worldwide. Our experience enables you to take control of your operations and:

- increase efficiencies
- reduce costs
- predict maintenance needs and equipment updates
- develop, test, scale and commercialize innovative ideas
- build employee knowledge and confidence
- avoid costly hassles, including unplanned shutdowns

### **A Consultative Approach**

CPM | Crown is a proven, trusted advisor who is ready to work with you to design the ideal support package for your operations. Every opportunity is unique, and our specialists have the experience that enables them to develop the ideal solutions that fit within your specific parameters.

### **Global Reach With a Local Touch**

Our diverse, talented support specialists live and work around the world and have helped plan and execute projects in many countries.

Their experience and sensitivity enable us to navigate different cultures and languages every day. We are ready to support you no matter the location.

Lifecycle360 is the ideal complement for our robust, innovative equipment. Having our support will give you the peace of mind that comes from knowing you are maximizing the potential of your team and your operations.

### **Lifecycle360 Innovation Services**

**For customers seeking a state-of-the-art piloting and testing facility to help them meet goals for product development, process improvements, product and process commercialization, speed to market, employee performance and more.**

The CPM | Crown Global Innovation Center (GIC) is the world's premier piloting and testing facility for oilseed, renewable fuels and specialty processing industries featuring solid/liquid extraction, desolventization, drying and refining technologies. Our 15,000 square foot, fully functional pilot plant, analytical lab and training center sets the standard for new innovations and safety, giving you access to real-world testing capabilities in a controlled, confidential and low-risk environment.

At the GIC, customers work side-by-side with Crown's engineering, piloting and R&D teams to develop and test new product concepts and simulate new processing strategies from benchtop lab scale to multiple tons per day of continuous production. As your trusted, problem-solving partner, we offer the right environment, expertise and technology to help you make new investments with confidence, bring new products to market faster, and save you time and money.

## Piloting and Testing Services

The GIC has best-in-class equipment and resources for testing and piloting in:

- Preparation
- Extraction
- Specialty extraction (including Hemp CBD Oil)
- Desolventizing
- Drying
- Deodorizing
- Refining
- Fat splitting
- Renewable diesel/SAF pretreatment

## Benefits

- Explore new products, new feedstocks and improve go/no-go decisions
- Gather data on test samples created at the GIC that enable you to move from benchtop to commercialization with confidence
- Bring products to market faster
- Engineer unique, better processes
- Troubleshoot existing equipment
- Test and integrate operational advancements
- Increase accuracy of cost estimates
- Gain better control over your processes
- Single-source testing and piloting facility – we have capabilities for every step of the process
- Collect and act on insights from PLC & Data Historian



# Achieve Your Best Results with Our Trusted **Lifecycle360 Support Specialists**



When you combine CPM | Crown's robust equipment and technology with our Lifecycle360 Support Services, you will have peace of mind knowing that an experienced, dedicated and trusted partner has your back at every stage of your plant's lifecycle, from design to full-scale production and maintenance.

Our engineers and experts provide you with an unmatched level of experience: our team has over 1,000 years combined experience in the oilseed, renewable fuels and specialty processing industries. Don't carry the burden of coordinating services from different companies who don't know our equipment as well and who lack our breadth of knowledge and capabilities. We are your single source for the planning, coordination and support that will help secure the success of your investment and help you gain the edge on your competition.

## **Working together for a better world.**

From risk management to environmental management, CPM | Crown applies a global lens to your operations. Count on our problem-solving expertise to help fulfill your sustainability commitments.

## **Partner with us on your key initiatives**

- Carbon footprint reductions
- Emissions & energy reductions
- Operational performance
- Regenerative agriculture
- Renewable resources
- Social responsibility
- Supply chain resiliency
- Sustainability
- Zero waste targets

**Gain the competitive advantage with CPM | Crown's expertise, equipment and world-class Global Innovation Center.**

Feeding, Fueling and Building **a Better World.**



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