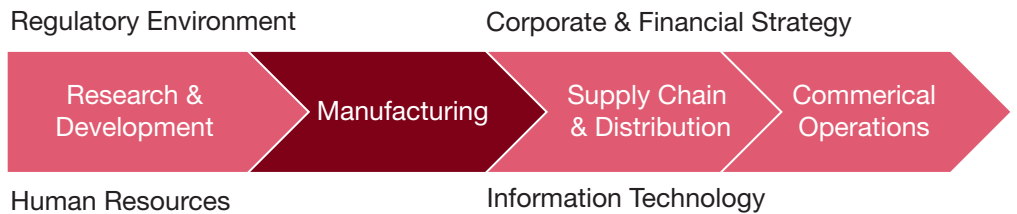


Providing an integrated approach with tailored manufacturing advisory services

Manufacturing Services



Benefits

- Reduction of manufacturing costs and improvement of competitiveness
- Business risk reduction by improved compliance
- Clearer long-term view and better decision-making
- Better visibility, management and control
- A validated and adapted manufacturing strategy matching the underlying profit drivers and priorities of the business
- Specialist advice through all stages of the manufacturing lifecycle

A combination of regulatory, market, business, scientific and technological forces will cause pharmaceutical manufacturing to undergo rapid changes in the coming years. This provides significant opportunities for improvement and cost reduction in manufacturing in order to enhance competitiveness.

To benefit from these changes, a manufacturing vision and roadmap are essential to avoid half-hearted decisions that do not contribute to long-term improvement.

How can PwC help you?

PwC provides pharmaceutical companies with an integrated approach with tailored, best-in-class, multidisciplinary manufacturing advisory services, in order to deliver more value to the client in line with business and regulatory requirements. We help organisations prioritise areas to target, and ensure subsequent improvements are sustained.

Some of the solutions to successfully enhance manufacturing productivity and competitiveness are:

Manufacturing performance improvement

Quality by Design (QbD)/Process Analytical Technology (PAT)

Just-in-time manufacturing/demand-driven manufacturing, planning improvement through reproducible manufacturing

Lean manufacturing, Six Sigma

Quality systems design & review including Laboratory Information Management System (LIMS)

Process and manufacturing IP

Collaborative manufacturing networks (insourcing/outsourcing)

Scenario planning to evaluate future manufacturing options, to support investment decisions

Evaluation of new manufacturing technologies

Technical due diligence

Regulatory compliance

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Proven experience

Client issue

An injectables plant was seeking to achieve cost savings through modernisation of the manufacturing infrastructure.

PwC solution

We interviewed the various stakeholders and analysed manufacturing data. This helped us identify cost savings by assessing potential improvement scenarios. The resulting optimum, real-time release-enabled manufacturing delivers maximum benefits in terms of cost-savings, but with minimum investments.

They started with the quick wins followed by a sequence of medium to longer term improvement investments, each with benefits which are displayed as an effect on the key performance indicators (KPIs). A timeline was developed to implement the improvements as well as the resources and skill sets needed.

Benefits

PwC research and analysis from across the pharmaceutical industry and other cost sensitive industries provided the client with a platform to develop various strategic models through an accelerated solution design event. The output of this activity also included a peer review of pharmaceutical finishing and packaging strategies and a review of supply chain techniques from other industries to address margin erosion.

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Global Pharmaceutical and Life Sciences Industry Group

The Global Pharmaceutical and Life Sciences Industry Group at PwC is dedicated to delivering effective solutions to the complex business challenges facing pharmaceutical and life sciences companies. A global leader in serving the pharmaceutical and life sciences industry PwC has extensive experience working with companies on industry-specific strategic, operational, and financial issues. Our expertise includes assurance, tax and advisory services, as well as specialised capabilities in regulatory compliance, risk management, performance improvement and transaction support. In helping our clients, we draw on the full knowledge and skills of PwC's professionals. More than 161,000 people in 154 countries connect their thinking, experience and solutions to build public trust and enhance value for clients and their stakeholders.