

MARKET OPPORTUNITIES FOR HEMICELLULASES

Prepared by:

CPL Business Consultants

Milton Park Innovation Centre, Abingdon, OX14 4RY, United Kingdom

Tel: +44 1865 257 252, info@cplconsult.com, www.cplconsult.com

STRATEGIES TO GROW YOUR BUSINESS



TABLE OF CONTENTS

| | |
|--|----------|
| MARKET OPPORTUNITIES FOR HEMICELLULASES | 1 |
| MARKET OPPORTUNITIES FOR HEMICELLULASES | 2 |
| <i>Executive Summary</i> | 2 |
| <i>Agro-Food Industries Opportunities e.g.</i> | 2 |
| <i>Consumer Food Product Manufacturing Opportunities e.g.</i> | 2 |
| <i>Market Opportunities for Hemicellulases in Food Wastes e.g.</i> | 2 |
| <i>Other Market Opportunities for Hemicellulases e.g.</i> | 2 |
| <i>Visit Reports</i> | 2 |
| <i>Contact Details</i> | 2 |

In this case study CPL Business Consultants was engaged by a biotechnology company to look for potential market opportunities for hemicellulases as part of its business development and growth strategy. CPL's report and strategic recommendations enabled the client to shift its focus towards more profitable markets.

The objective of this study was to identify tangible market opportunities for plant cell wall degrading enzymes. The client had technology and a marketing outlet for enzymes and was seeking new applications for such enzymes. The first phase of the study reviewed potential uses of such hemicellulolytic enzymes.

CPL sought enzyme opportunities in food, feed, fuel, fabric and wastes. Interim analysis led to the conclusion that markets exist in all the sectors considered. However, some of these markets were judged to be more accessible and more likely to be profitable in the short term than others. As a result of reviewing the results of this initial overview, it was agreed to focus further investigation on specific opportunities for these enzymes in the food sector. These sectors were high-volume agro-food, consumer food manufacturing and speciality food ingredient manufacturing.

CPL identified a number of enzyme opportunities in each sector. These included process improvements in terms of speed and cost. However, the most interesting opportunities were in the areas of consumer food manufacture, where improved enzymes would lead to cost reductions and product improvements.

An outline of the report contents is shown below.

MARKET OPPORTUNITIES FOR HEMICELLULASES

Executive Summary

- Introduction to Hemicellulases
- Opportunities for Plant Cell Wall Degrading Enzymes
- Strategic Recommendations

Agro-Food Industries Opportunities *e.g.*

- Soy
- Grains
- Oils

Consumer Food Product Manufacturing Opportunities *e.g.*

- Coffee
- Cocoa
- Brewing

Market Opportunities for Hemicellulases in Food Wastes *e.g.*

- Cereal Processing Wastes

Other Market Opportunities for Hemicellulases *e.g.*

- Speciality Food Ingredients
- Animal Feeds
- Energy Production from Biomass

Visit Reports

- Face to Face Meetings

Contact Details

- Details of all Contacts Made

In addition to this report on market opportunities for hemicellulases, CPL has worked on other enzymes including [detergent enzymes](#), [dairy enzymes](#) and [feed enzymes such as phytase](#). You can find further relevant examples using the search bar on this page, or by browsing this site by areas of expertise. Have a look at our [Introduction](#) and [Brochure](#) for a description of our consultancy work. You can also review [eight case studies](#).