



Bayer CropScience

## ICIS Developers Workshop

## BioScience

February 16th, 2009



# Growth Strategy of Bayer Bioscience

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To Meet the Food, Feed and Fiber needs  
of a growing population



# BioScience Global operations

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## Headquarters

Lyon (France)



## Important research sites

Ghent (Belgium),  
La Dargoire (France),  
Haalen (The Netherlands),  
Potsdam (Germany)



## Key development sites

Australia, Brazil,  
India, Canada,  
The Netherlands, USA,  
....





Bayer CropScience

Canola

Cotton



Rice

Vegetables



# Strategy in Action

## Breeding Excellence

			
Canola	Cotton	Rice	Vegetables
<p>4 breeding stations in Canada, Australia, Belgium and India</p>	<p>10 breeding stations in USA, Brazil and India</p> <p>Testing/screening program in EU</p> <p>Germplasm exchange with CSIRO in Australia</p>	<p>Main breeding center in India</p> <p>Breeding sites in Brazil, USA and Thailand</p> <p>Site planned in China</p> <p>Breeding support lab in Singapore</p>	<p>21 breeding stations in North America, South America, Europe and Middle East, India, China, Indonesia and Korea</p>
<p>No. 1 in hybrid canola</p> 	<p>No. 1 in cotton in US</p> 	<p>No. 1 in hybrid rice (excl. China)</p> 	<p>No. 4 in vegetables</p> 

# From IT Breeding Platforms...

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**Agrobase**

**PRISM**

**ICIS**

**ICIS**



# To ... one IT integrated Molecular Breeding Platform

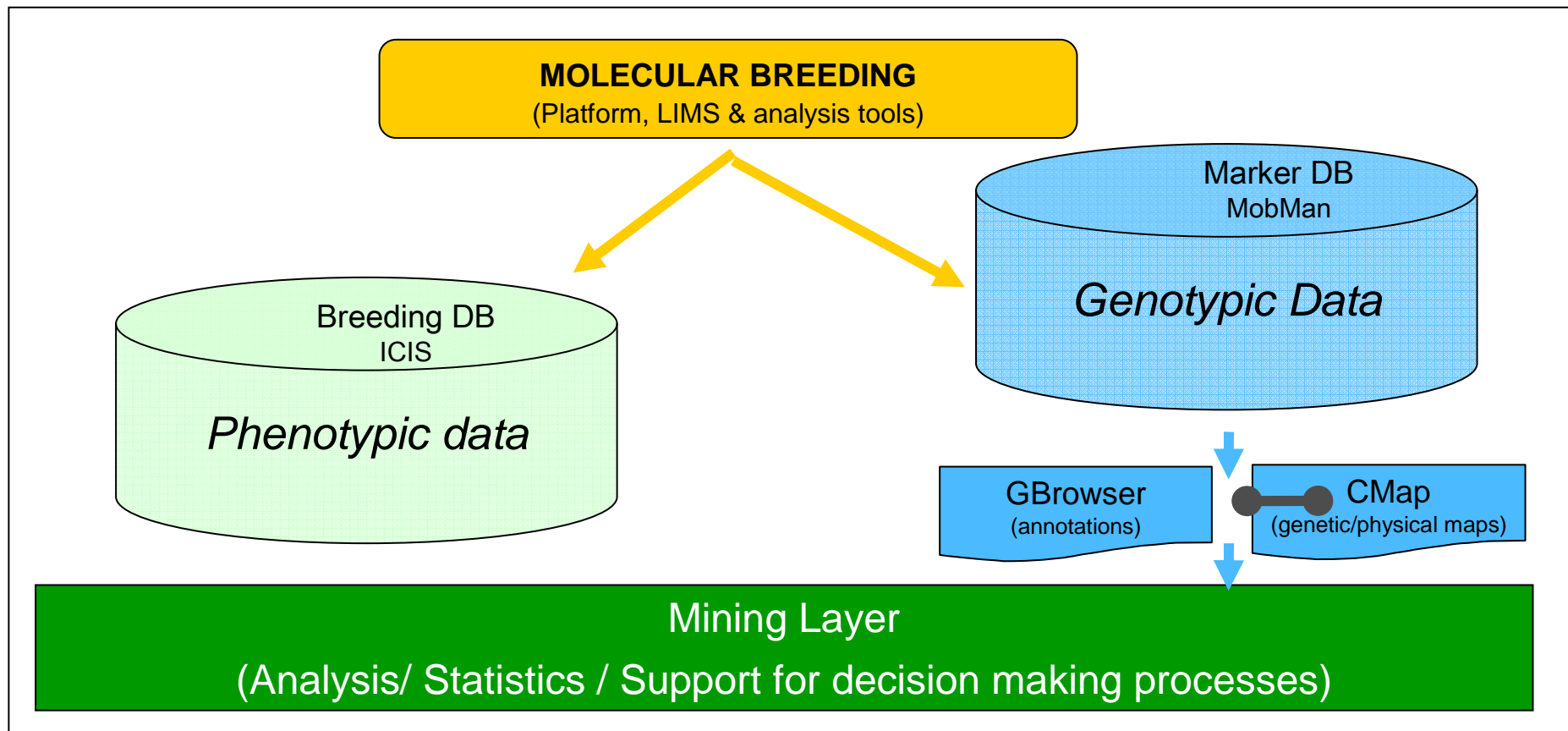
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*New generation* “ICIS”



# Molecular Breeding Platform

## BAYER GENERAL PLATFORM (INVENTORY MANAGEMENT / LIMS / ....)





# Requirements :

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- Based on ICIS data model
- Multi-user, multi-crop, multi-site
- User-Friendly
- Integrated
- Performant
- Secured data
- Flexible
- Meeting the needs of all crops
- Covering Molecular Breeding approaches
- Integrated with analysis and statistical tools

**To be shared with the ICIS Community**

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# Thank you for your kind attention

