

Precision & Passion for Pigs

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Dutch Pig Excellence

Sustainable Food with Precision Livestock Farming (PLF)
December 15th, 2015
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VEREIJKEN Fancorm
LITAMS

Precision & Passion for Pigs

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- Aim SMP project PLF China
- Pig Production China vs Netherlands
- Results: potential SMP Cases PLF
- Concept DPE & Business Model

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Aim SMP project PLF China

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Explore Sino-Dutch cooperation on PLF concepts Chinese Pork Production

- Insights Chinese situation/needs;
- Cooperation Model Business & Research PLF;
- Opportunity's for developing Innovation & Demonstration Farm

(opportunity PPP Proposal 2016)

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Pig Production China vs Netherlands

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Slaughter pig production per sow

Country	Production (kg)
Netherlands	27.0
Denmark	26.9
Germany	26.3
France	25.3
Spain	23.0
Italy	22.6
Belgium	21.5
Austria	22.6
United Kingdom	24.1
Great Britain	21.9
Sweden	22.7
Czech Rep.	21.8
Brazil (MT)	24.3
Brazil (CT)	19.7
Canada	21.0
USA	22.9
Japan	19.0
China	11.8

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Pig Production China vs Netherlands

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Feed conversion ratio (30-120kg)

Country	FCR
Netherlands	2.5
Australia	2.7
Germany	2.8
Brazil (SC)	2.8
France	2.8
Great Britain	2.8
Canada	2.8
Belgium	2.8
Denmark	2.8
Spain	2.8
Sweden	2.8
Ireland	2.8
USA	2.8
Italy	2.8
Czech Rep.	2.8

25% difference between these countries

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Potential PLF in China

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- Focus performance increase for sustainability (**more production with less resources**)
- Pork production possible with 40% less sows and substantial improvement Feed Efficiency
- **Guarantees Food quality & safety needed!!**
- **Integrated chain approach:** breeding, feeding, housing, animal health & welfare
- **Smart technology** needed for support Farm & Chain Management

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