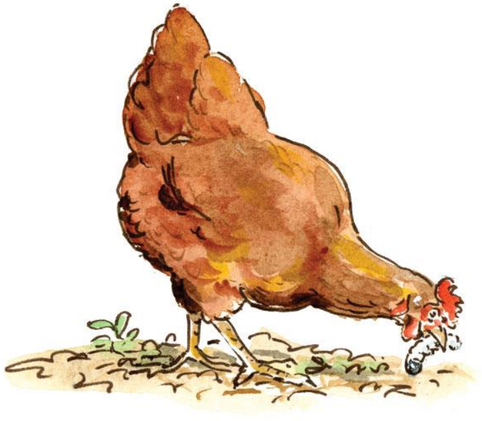
PROTIX

albitalia
prodotti per uso zootecnico



THE WORLD'S POULTRY SCIENCE ASSOCIATION
EDUCATION ORGANIZATION RESEARCH

1 April 2016

Agenda

Perchè gli insetti?

Produzione di insetti – Fondamenti & Controllo Qualità

Utilizzo in nutrizione avicola

Qualità & Sicurezza

Il pianeta cerca urgentemente soluzioni sostenibili per una duplice sfida…

Sfida 1: nutrienti di alto valore

?

"Come possiamo produrre grassi e proteine di elevato valore biologico senza sfruttare ulteriormente il nostro ecosistema?"

Sfida 2: residui organici

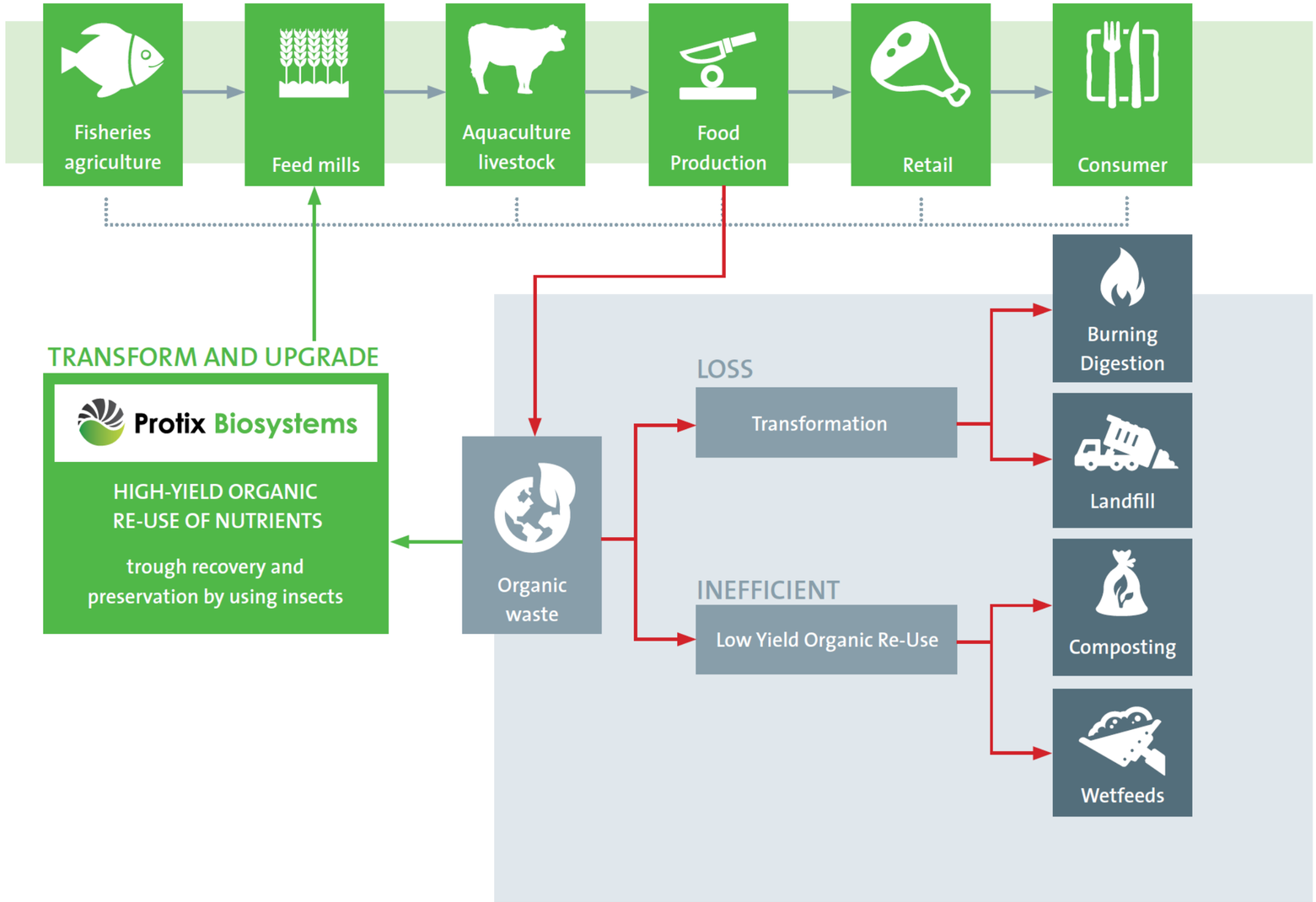
?

"Cosa faremo con il crescente volume di rifiuti causati dallo sviluppo economico e dalla popolazione mondiale?"

Insetti: attuale e preziosa fonte di nutrienti

- ✓ La più grande biomassa vivente sulla terra
- ✓ Elevata efficienza
- ✓ Naturale risorsa per molti animali come pesci e uccelli
- ✓ Cicli vitali brevi
- ✓ Elevato tasso di riproduttività (numerose uova in brevi periodi)
- ✓ Trasformano materiali aventi basso valore nutrizionale in nutrienti di alto valore come grassi e proteine

Il modello: posizione nella catena del valore



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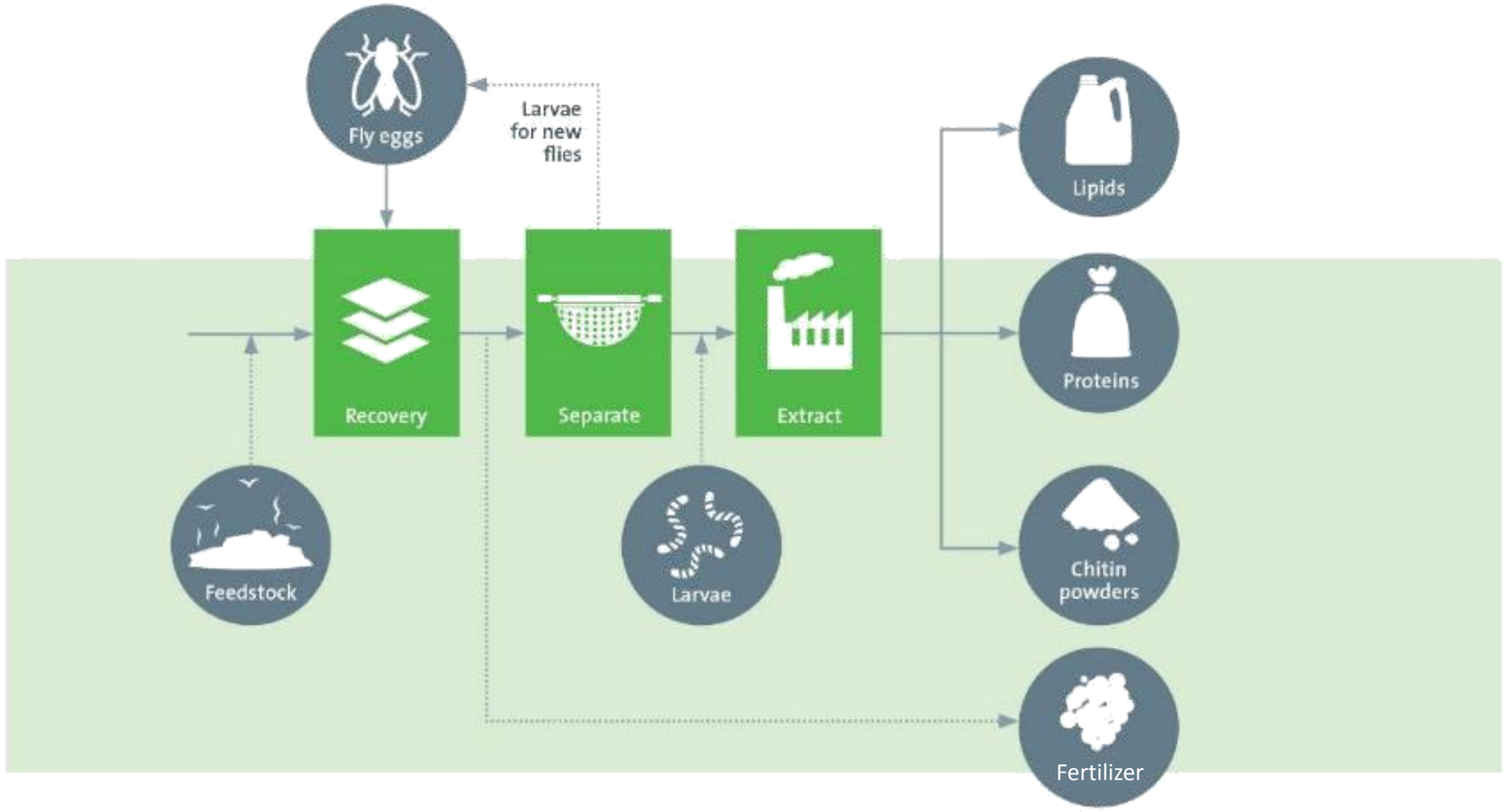
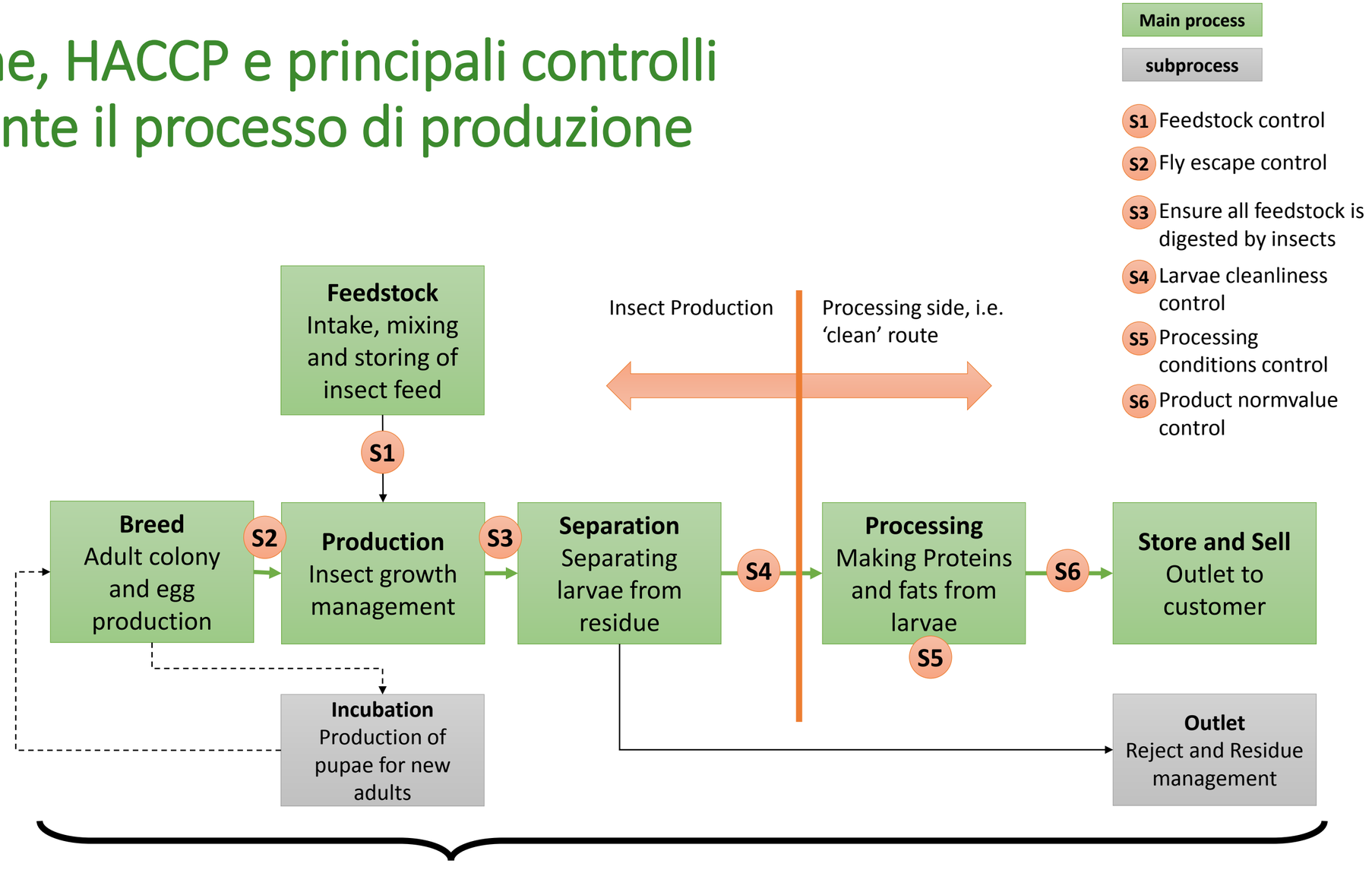
Trasformazione di residui organici vegetali in ingredienti di valore



Igiene, HACCP e principali controlli durante il processo di produzione



Tracking&Tracing principles apply to whole process and sub-processes.

Protix - Technology pioneer 2015 by World Economic Forum

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Attuale situazione legislativa in Europa

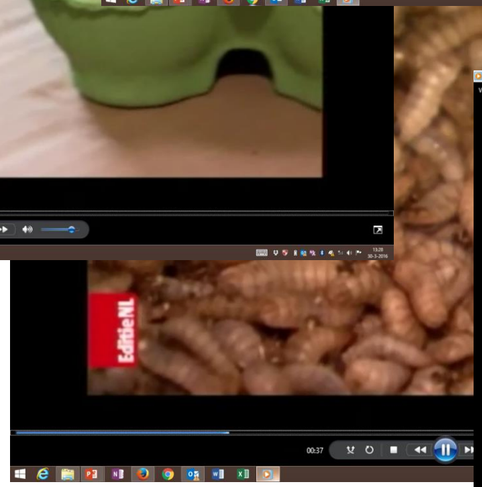
PLANT ORIGIN SUBSTRATES ONLY

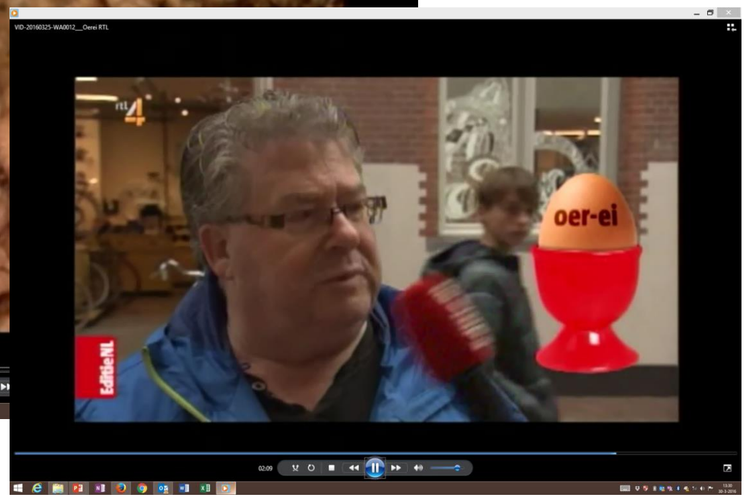
	Live larvae	Lipids	Proteins	Hydrolysed Proteins
Petfood	✓	✓	✓	✓
Feed for farmed animals	✓	✓	✗	✓
Food		✓	✓	✓

1

Uova di galline ovaiole alimentate con larve allevate da Protix (dieta soia free)

1 Esposizione mediatica nazionale





2 Prima fornitura industriale di olio di insetto a Coppens – Feednavigator.com

Coppens starts using insect fats in feed

By Jane Byrne

Post a comment

02-Feb-2016

Last updated on 03-Feb-2016 at 00:05 GMT

The Netherlands-based feed manufacturer, Coppens Animal Nutrition, has taken delivery of a batch of insect lipids produced by insect breeder, Protix.

The supply deal had been flagged up several months previously.

The use of insect oil in the food and feed sector is completely new, said Dutch producer Protix.

Coppens is the first company to supplement pig and poultry feed using insect lipids, it added.

"Due to our agreement with Coppens we cannot communicate the exact amount of oil we delivered. However, it is a substantial amount, which we can supply on a regular basis," said Stijn Vercauteren, a communications spokesperson for Protix, which breeds larvae of the Black Soldier Fly at its facility in Dongen.

And he told us Protix has several other parties who are interested in sourcing insect lipids for use in feed and to which it will start delivering imminently.

Research

Coppens, he said, has been evaluating the supplementation of insect meal and fats in feed for six years. During this period, both the insect oil from Protix, as well as protein sources from insects have been analyzed in detail, said the insect derivatives producer.

The feed manufacturer said external research trials demonstrated that chicks' growth and rate of feed conversion benefit from the use of insect oil, which contains a high proportion of lauric acid, compared to soybean oil.

As insect oil is regarded as an animal fat, and not a protein, it is allowed to be used in feeds for all animals under EU regulation.

Domande ?