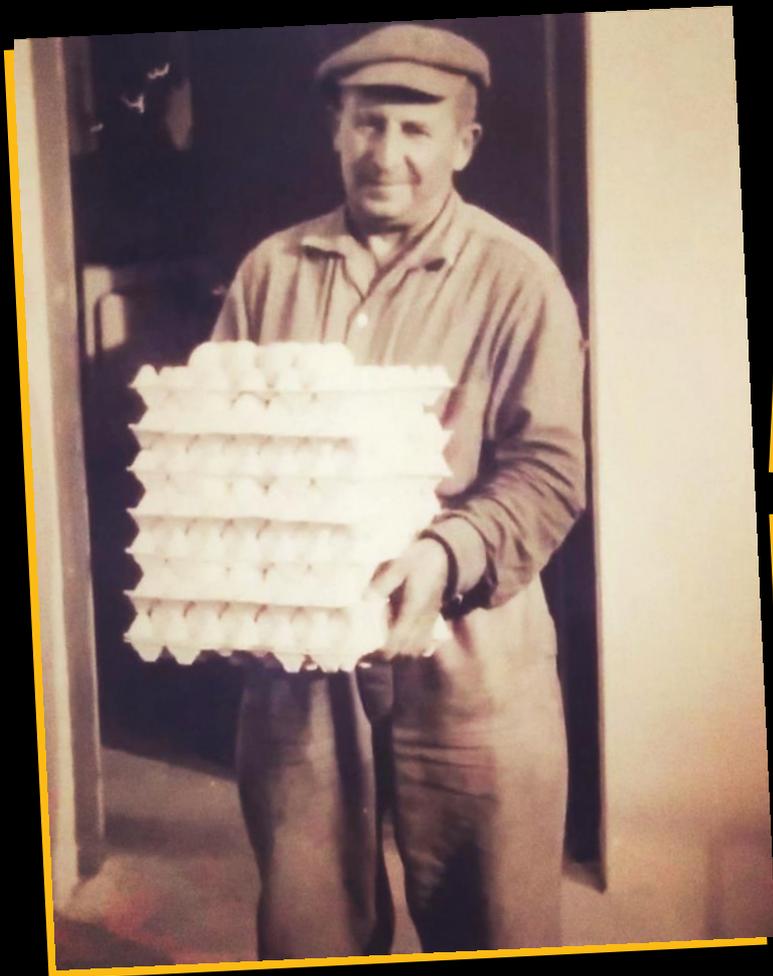


eggXYt







Each year the egg industry **kills**

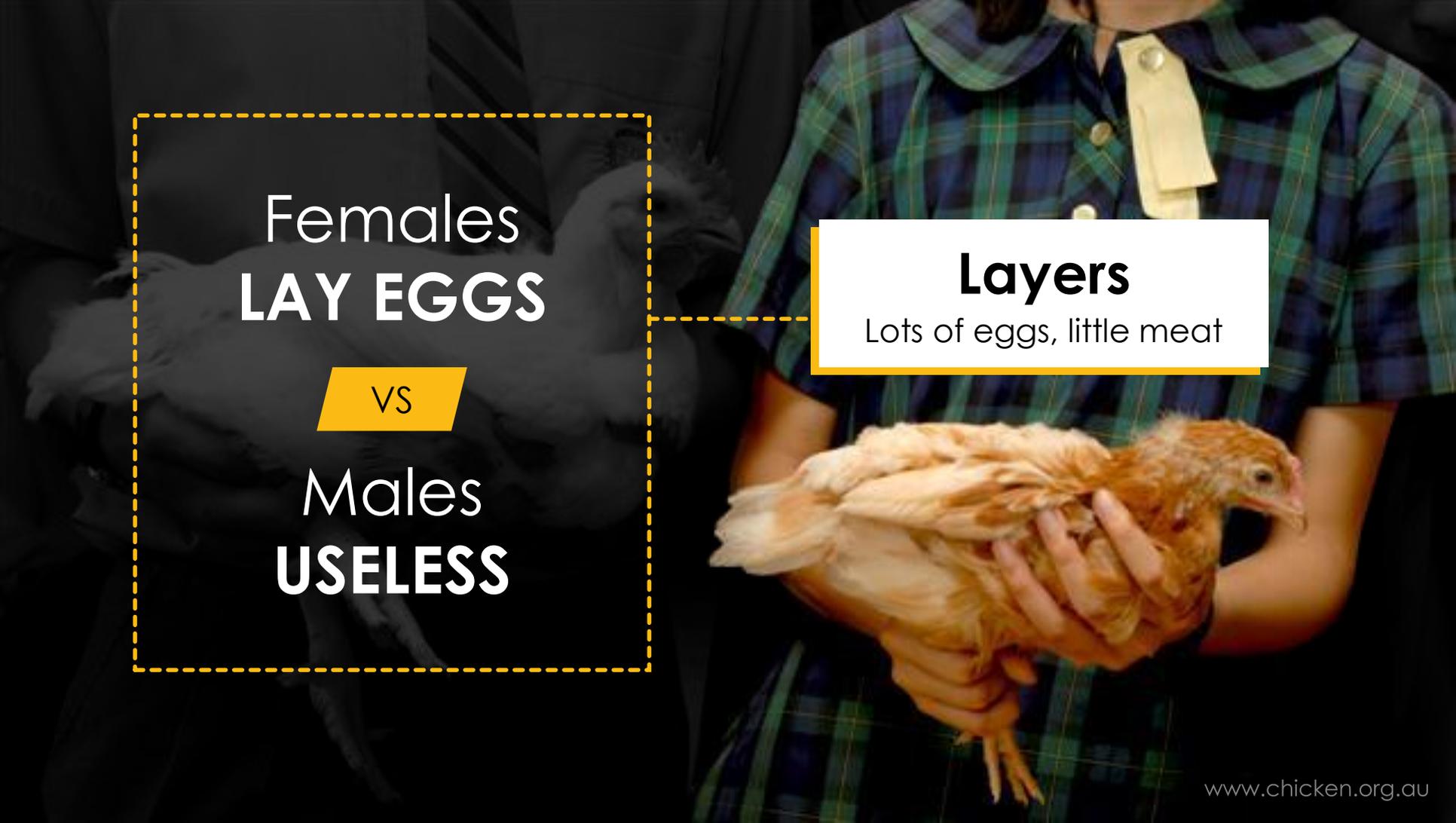
7 billion male chicks

Broilers

Lots of meat, few eggs

Layers

Lots of eggs, little meat

A person wearing a blue and green plaid shirt is holding a brown chicken. The background is dark. A dashed yellow box on the left contains text comparing female and male chickens. A white box on the right contains text about layers.

Females
LAY EGGS

VS

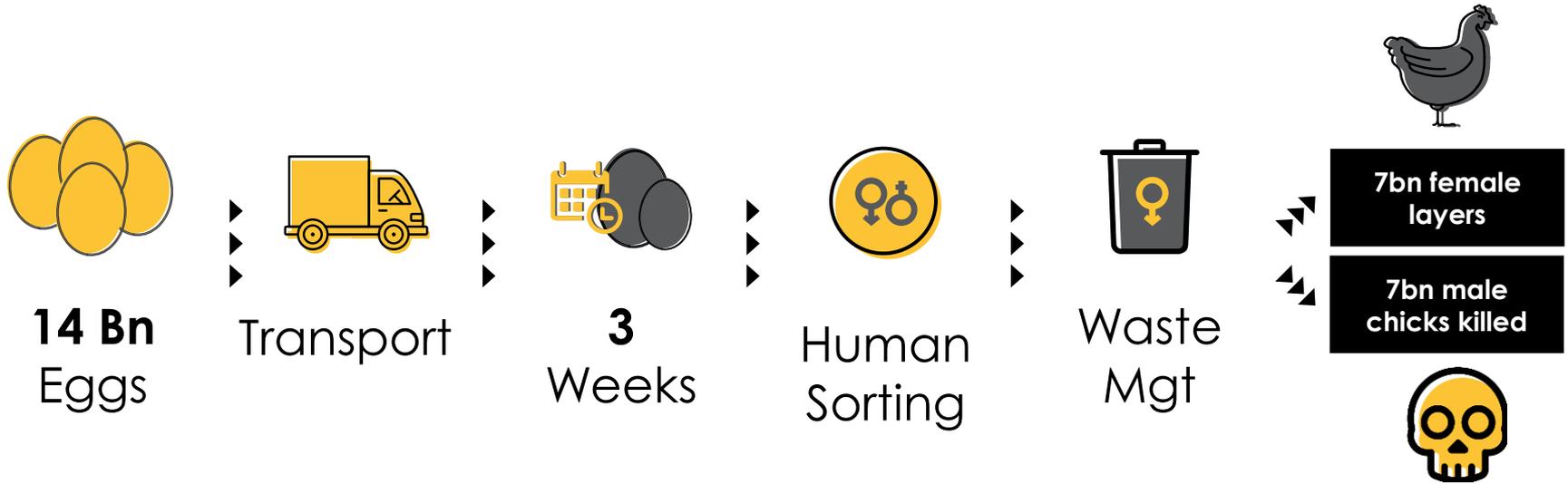
Males
USELESS

Layers

Lots of eggs, little meat

Unit Economics per egg: 21.6¢ + 3 weeks

Total 1.4 billion USD loss

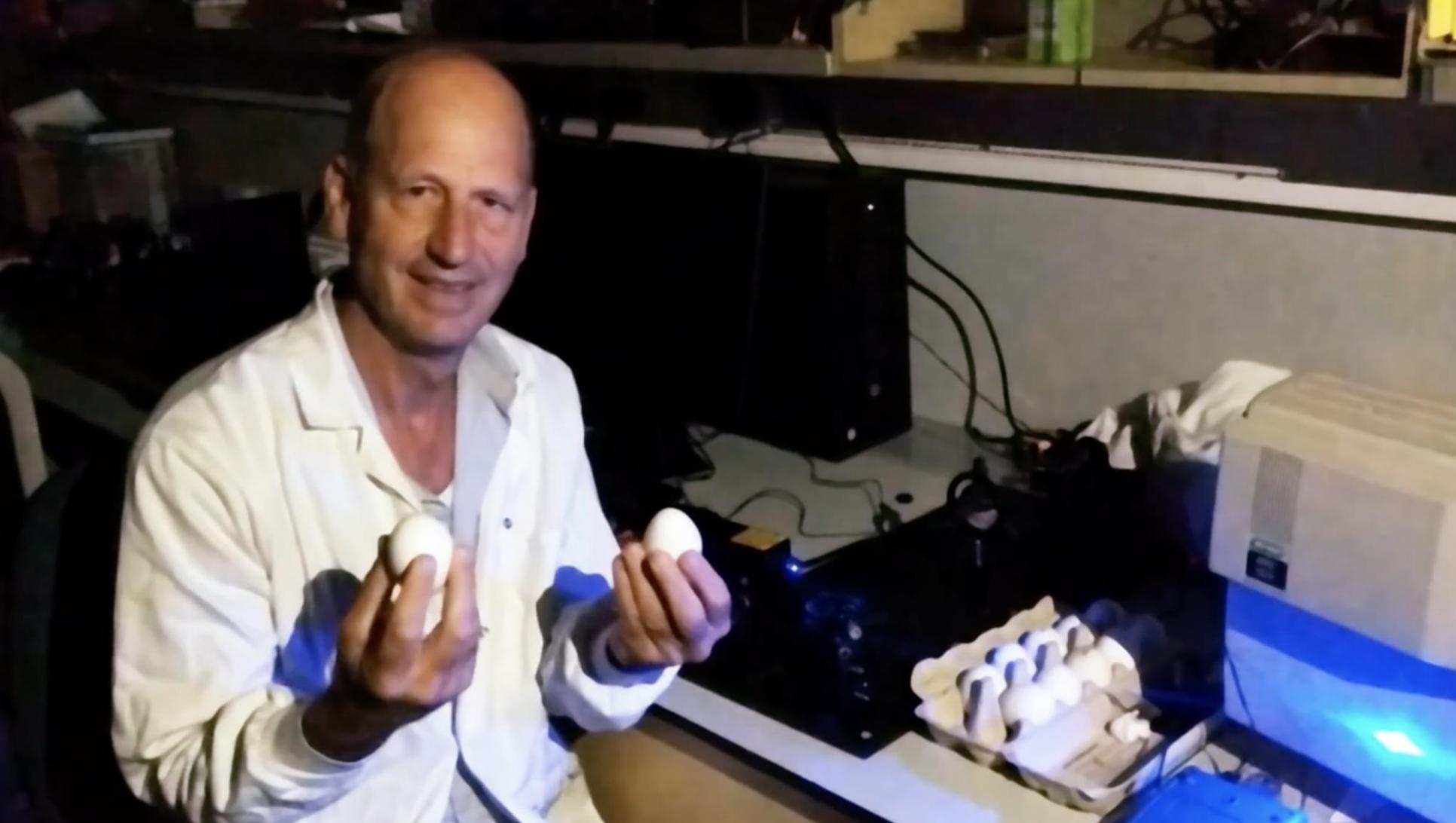




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Count your chickens **before** they hatch





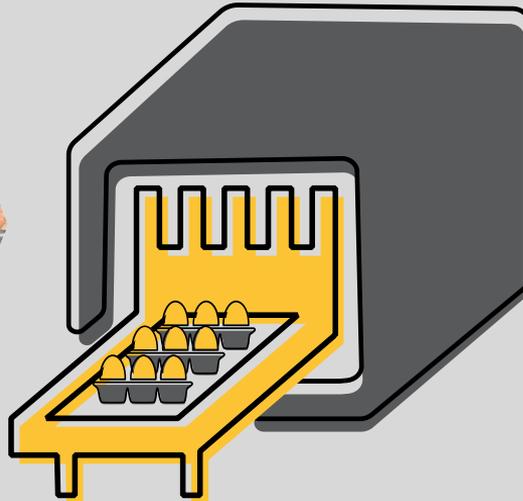
Male egg
Biomarker

Prof. Dani Offen



seXYt

a gatekeeper at the entry
point of the hatchery



50% to
hatchery

50% **sold as
eggs**



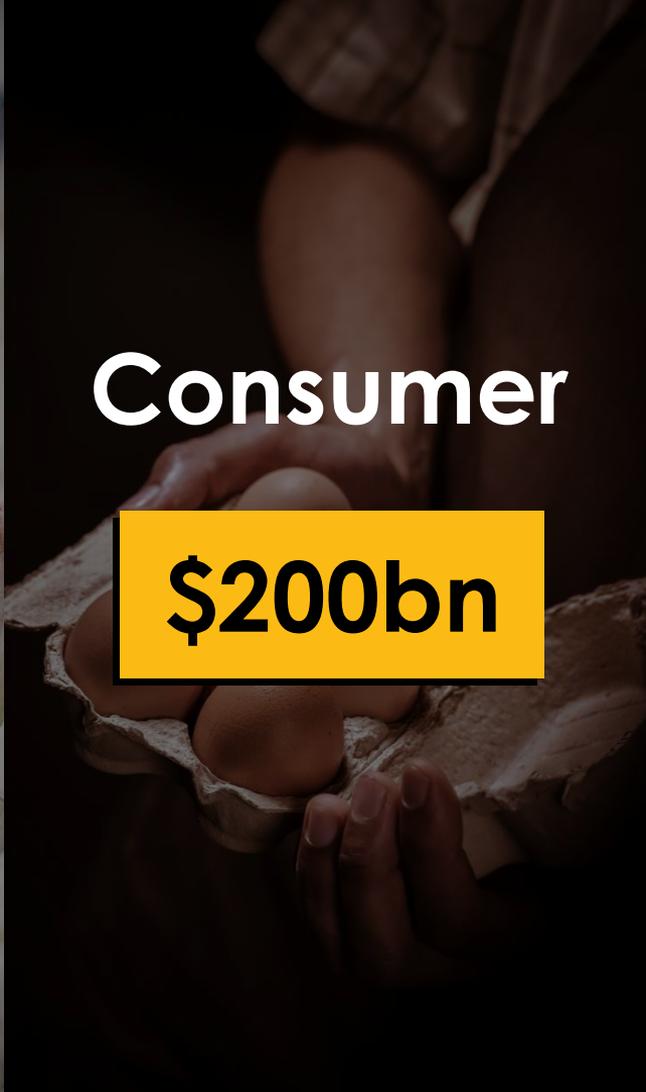
Eggs

\$1.4bn



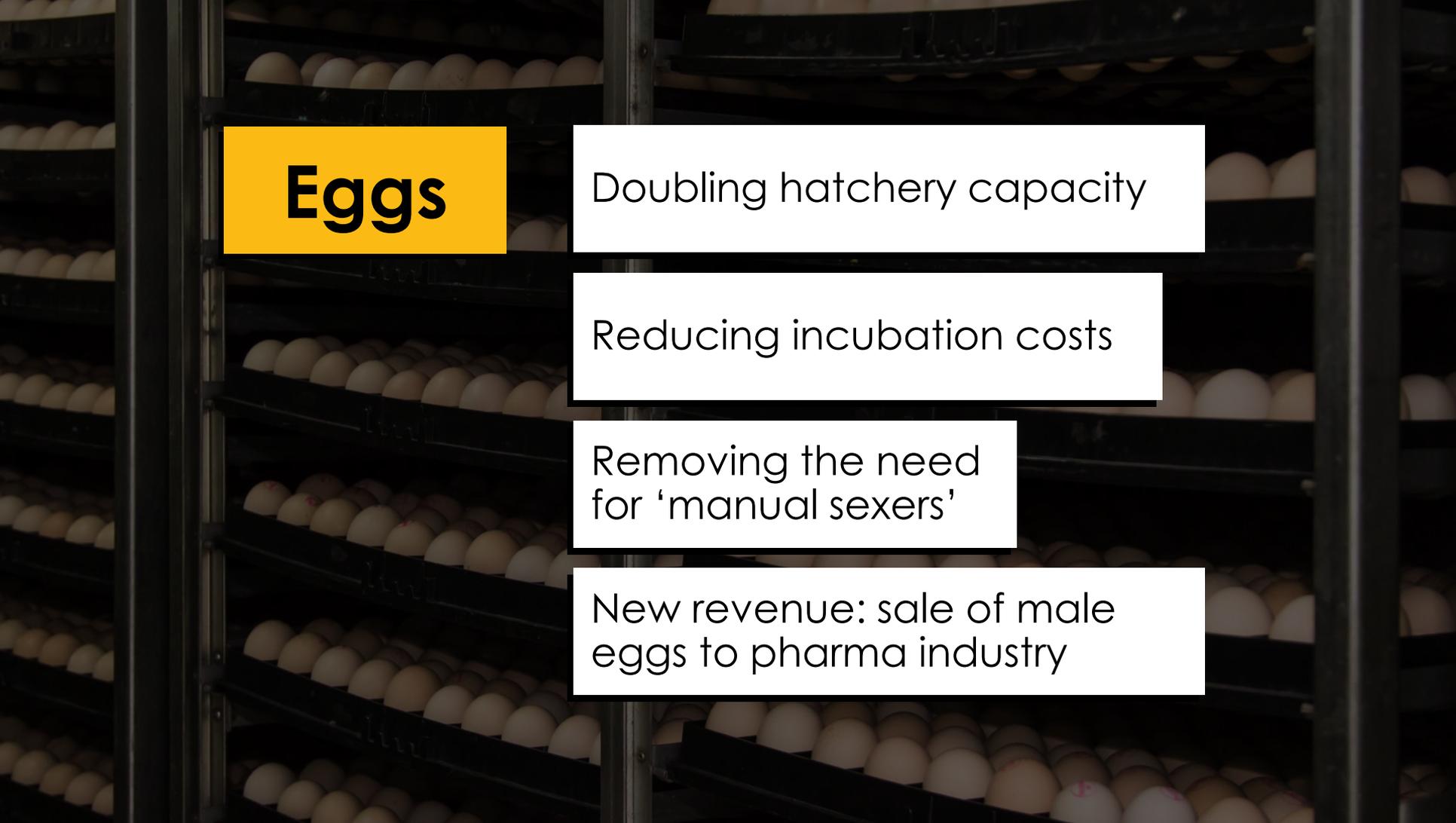
Poultry

\$85bn



Consumer

\$200bn



Eggs

Doubling hatchery capacity

Reducing incubation costs

Removing the need
for 'manual sexers'

New revenue: sale of male
eggs to pharma industry

A large indoor poultry farm with rows of white chickens in cages. The birds are densely packed in long, narrow cages that stretch into the distance. The farm has a high ceiling with industrial lighting and ventilation fans. The overall scene is a typical commercial poultry production environment.

Poultry

Cheap & elegant
sex separation method

Save on **feed costs**

Creating a food conversion
rate efficiency of \$85bn

A person is shown from the chest down, wearing a blue and white plaid shirt. They are holding a white cardboard egg carton filled with brown eggs. Their right hand is holding a single brown egg. The background is a grocery store aisle with many more egg cartons on shelves, slightly out of focus. Two text boxes are overlaid on the image: a yellow one on the left and a white one on the right.

Consumer

Premium ethically-grown male
chick culling free eggs



FREE RANGE

FREE RANGE

FREE RANGE

MALE CULLING FREE

MALE CULLING FREE

MALE CULLING FREE

MALE CULLING FREE

ORGANIC

ORGANIC

TESCO



eggXYt

enabling a sustainable future
in the chicken industry

Bill Gates says it would be a 'tragedy' to pass up a controversial, revolutionary gene-editing technology

**BUSINESS
INSIDER**

MEGAN MOLTENI | SCIENCE | 03.30.18 | 07:00 AM

**CRISPR'D FOOD, COMING
SOON TO A SUPERMARKET
NEAR YOU**

WIRED

CRISPR plants won't be regulated

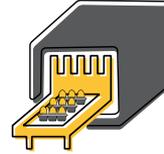
In a big win for the biotech industry, the US Department of Agriculture says once and for all it won't regulate plants whose genomes have

**MIT
Technology
Review**

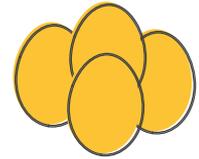
eggXYt's Timeline



Pilot eggXYt commercial breed
R&D seXYt IoT scanner MVP



Pilot in a
commercial hatchery

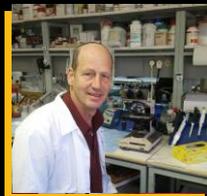


Begin culling-free
eggs production





Yehuda Eram
Co Founder &
CEO



Prof. Dani Offen
Co Founder &
CSO



Chief Avian
Scientist



Gal Lin
BizDev Director



**Philip
Wilkinson, OBE**
Advisor



Yigal Galli
Advisor



Zohar Ravid
Advisor



Ron Yardenay
Poultry Field
Application
Specialist



eggXYt

DISRUPT
100
2017

TechCrunch
DISRUPT

MC
MASSCHALLENGE
WINNER

Alltech®

FoodBytes!
by Rabobank



Co-founded by the
Horizon 2020
programme of the EU



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