IoT4Agri
quality-controlled logistics in perishable food supply chains

**OPPORTUNITIES**

Adjustments in unexpected or fluctuating circumstances along the way...

...and possibly:
A switch of some products from air to sea transport?

Possibly skip the ripening houses and reduce costs

**RESEARCH**

Monitoring quality development:
obtaining information and efficiently controlling local conditions via IoT

Certain fruits and vegetables produce ETHYLENE, which causes the products to spoil faster

Measure values with sensors

How to keep the level of ethylene as low as possible?

**CHALLENGES**

**TIMING**
Simultaneous research of various types of perishable foods is difficult, due to seasonality

real-time INTERVENTION in logistics chain

**TECHNIQUE**
Installing the sensors requires a high level of technical insight and has to be done on site

**PLANNING**

**PARTNERS**

TNO innovation for life

Thermo King

Transportkoeling

Food & Biobased Research Wageningen UR

EUROPE POOL SYSTEM

van Oers United

NWO

EMS delivering excellent produce

purfresh

SMARTPORT