ROBOTICORE

SMART BEEHIVE

Make it Smart, Make it Better.

TABLE OF CONTENTS

01

INTRODUCTION

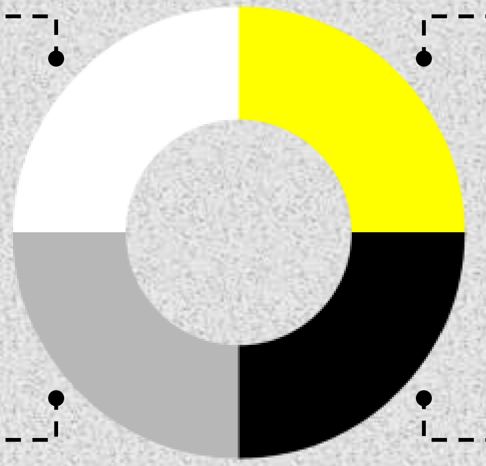
02 THE PROBLEM

/1

Infection, predator attack or absence of queen.

2/

Temperature, Humidity and Weight



/3

traceability and tracking

4/

The continuous inspection of the hives

03 OUR TEAM

/ KHAOULA GUADOUR

Étudiante en 2ème année génie Industriel et Technologies Numériques

/ ISMAIL BOULAHNINE

étudiant en 2ème année génie Industriel et Technologies Numériques

/ ADIL HOMAIDI

étudiant en 2ème année master génie électrique

/ KAOUTAR BAGGAR

étudiante en 2ème année génie biomédical

/ SAID NACIRI

étudiant en 2ème année master génie électrique

/ AMINE CHAOUI

étudiant en 2ème année génie Industriel et Technologies Numériques

/ Zakaria Hajjioui

étudiant en 2ème année master génie électrique

04 THE SOLUTION

- / SMART CONNECTED BEEHIVES
- / SENSORS
- / MICROCONTROLLER
- / MOBILE APPLICATION

05 VALUE PROPOSITION

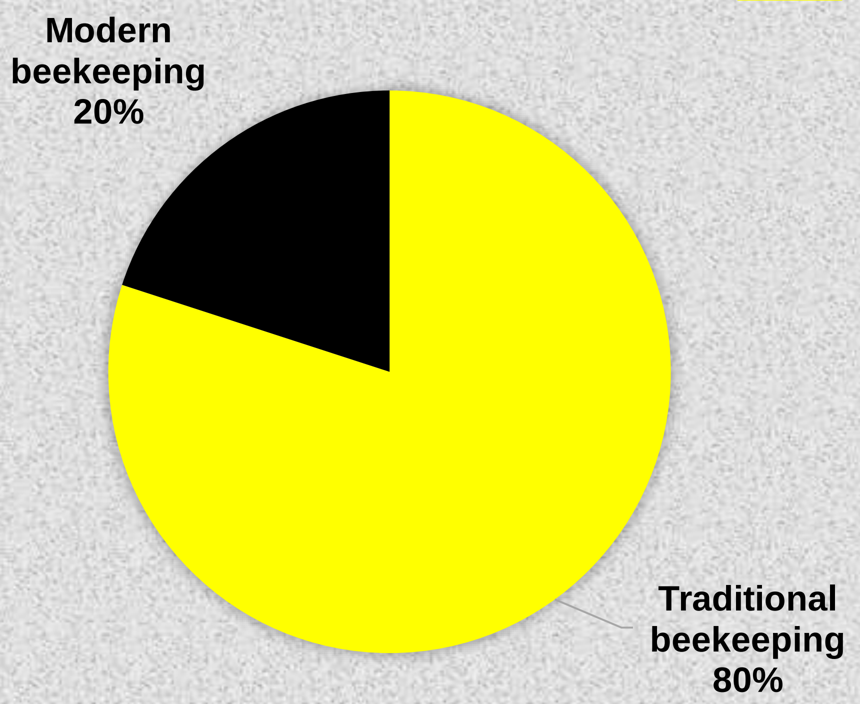
80% **The traditional beekeeping**

300000 beehives for
25000 BEEKEPERS

20% **The modern beekeeping**

85000 beehives for
9000 beekeepers

PRODUCTION



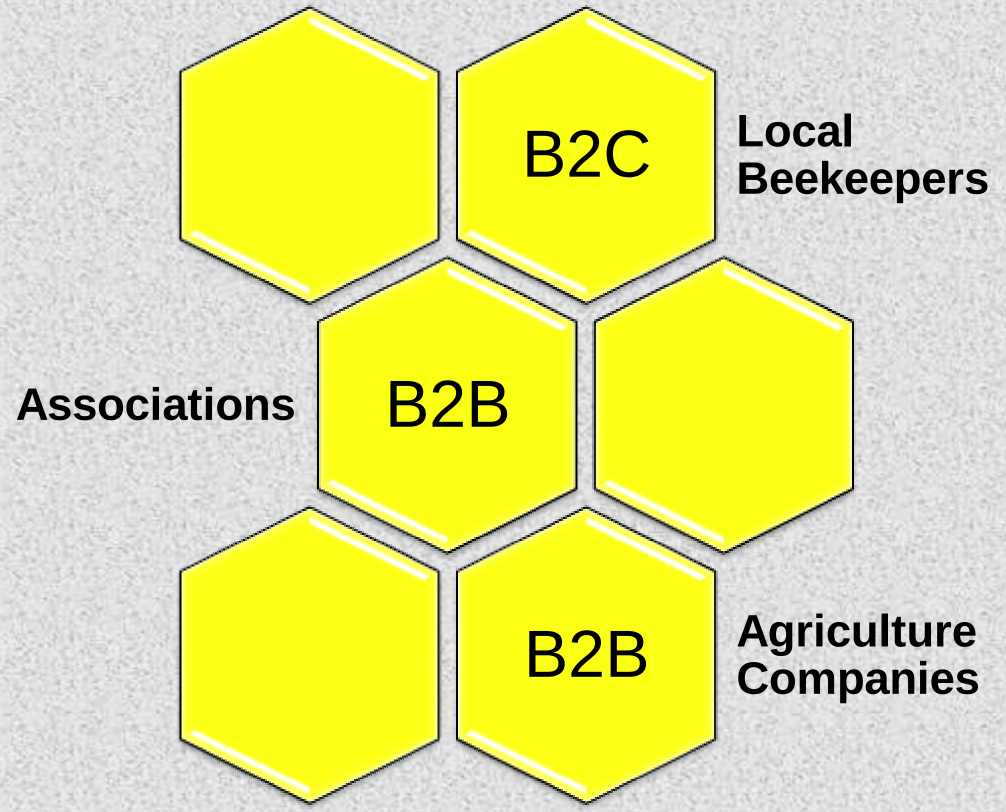
Using the smart beehive, the production can increase up to 40%

1 modern beehive produces 25 to 30 kg of honey each year

1 traditional beehive produces 1 to 3 kg of honey each year

We are making the beekeeping more smart and less challenging.

06 Customer Segments



06 COMPETITORS

Tsystems /

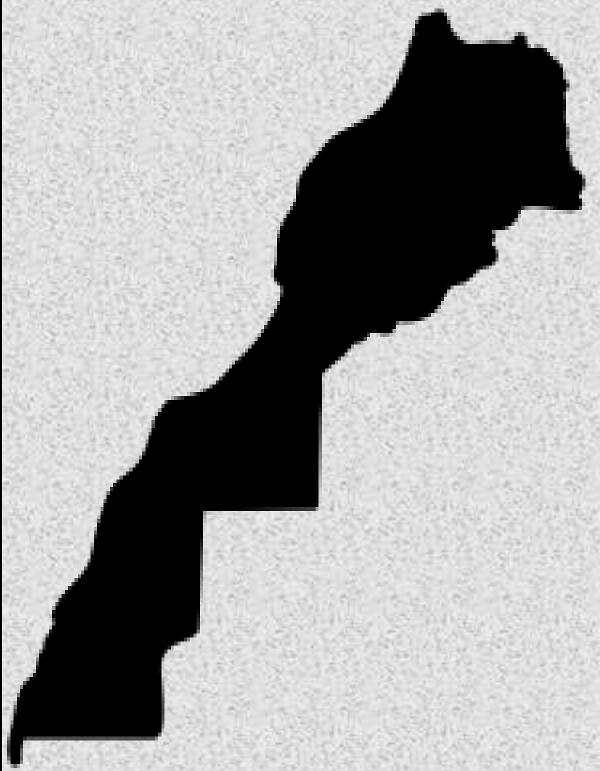
GERMANY

/ GoBuzzer

INDIA

POLLENITY /

07 TARGET



THANKS!

@ROBOTICORE ENSAM RABAT