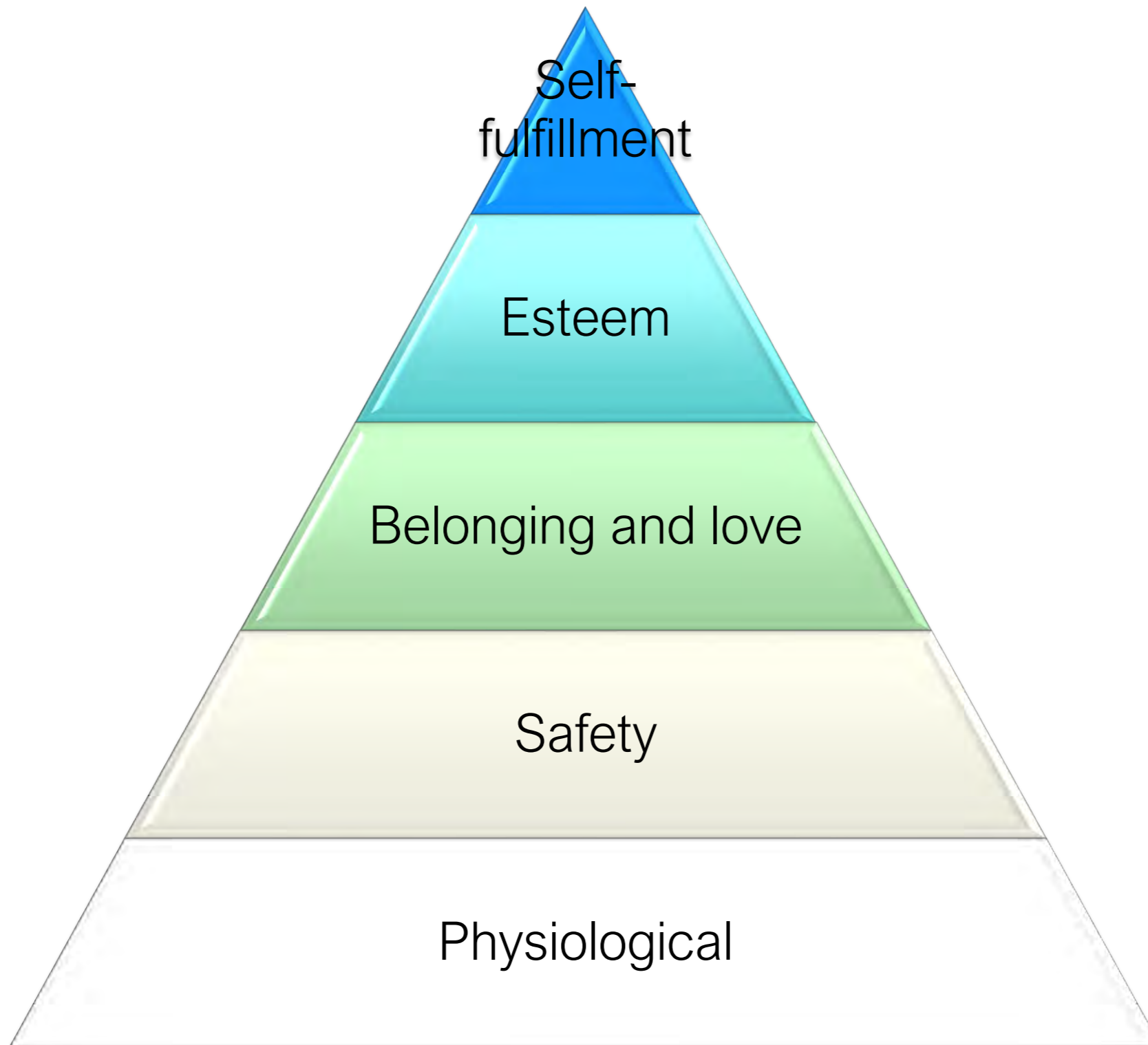


Social Life Cycle Assessment in Emerging Economies

*Cássia Maria Lie Ugaya
Center for LCSA (Gyro)
Federal University of Technology - Paraná*



Project SocRates (Social Rates)

Specific data collection

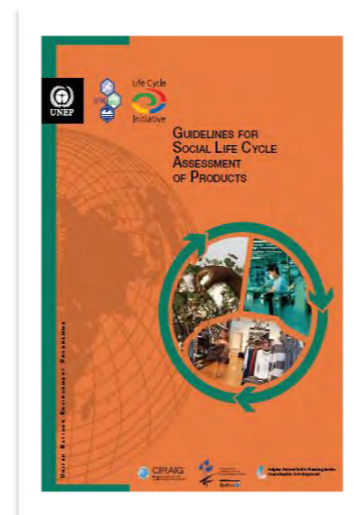
Cut-off

Sampling

Questionnaires

Interviews

Triangulation



Specific data collection, SAM

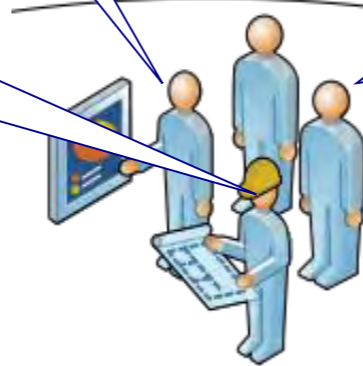


Workers and farmers interviewed

We cannot compete with big companies

The price of the product is higher than the conventional one

Organic is better for my health



Huge effort for data collection

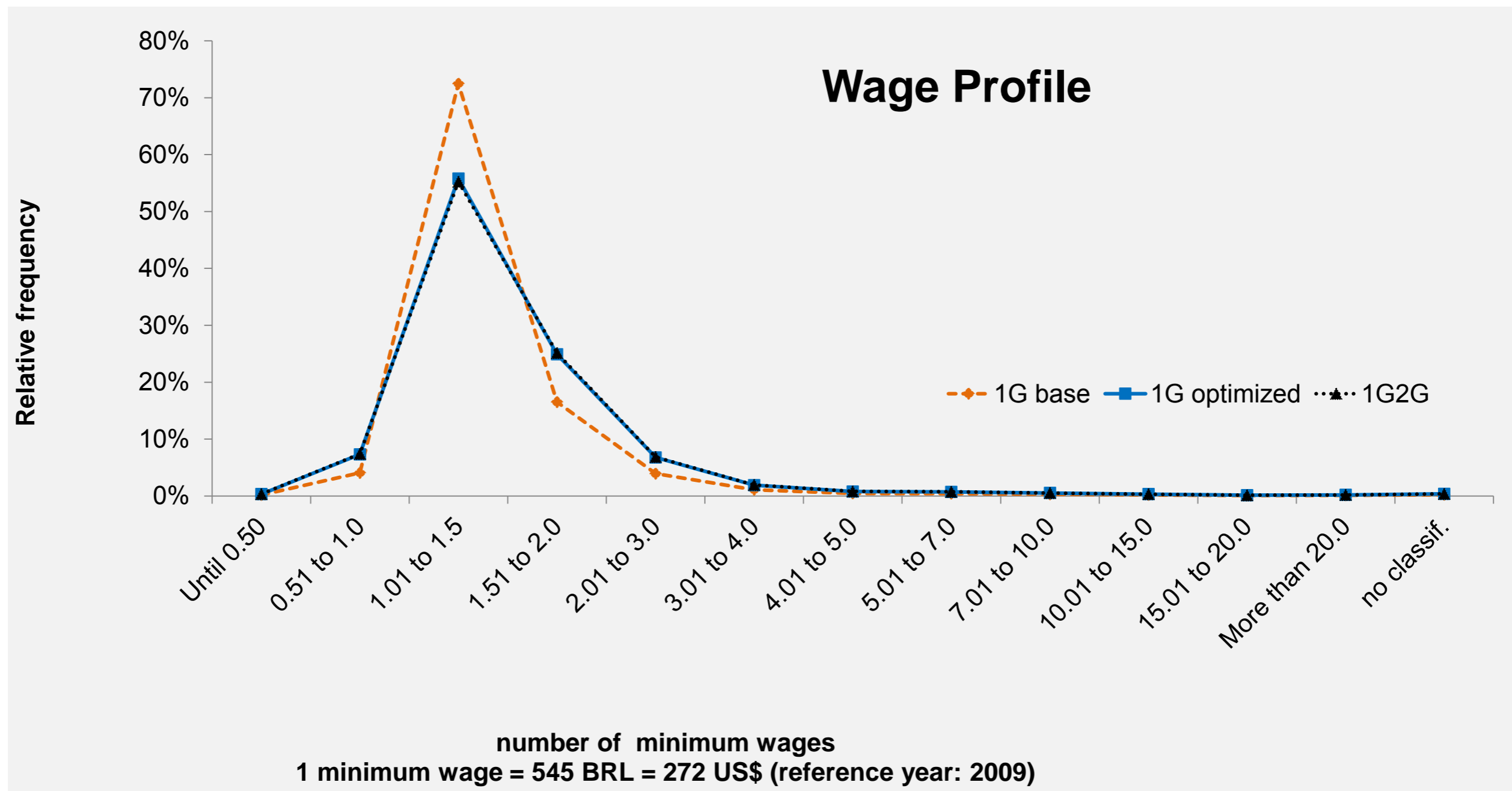
What are the consequences of this choice?

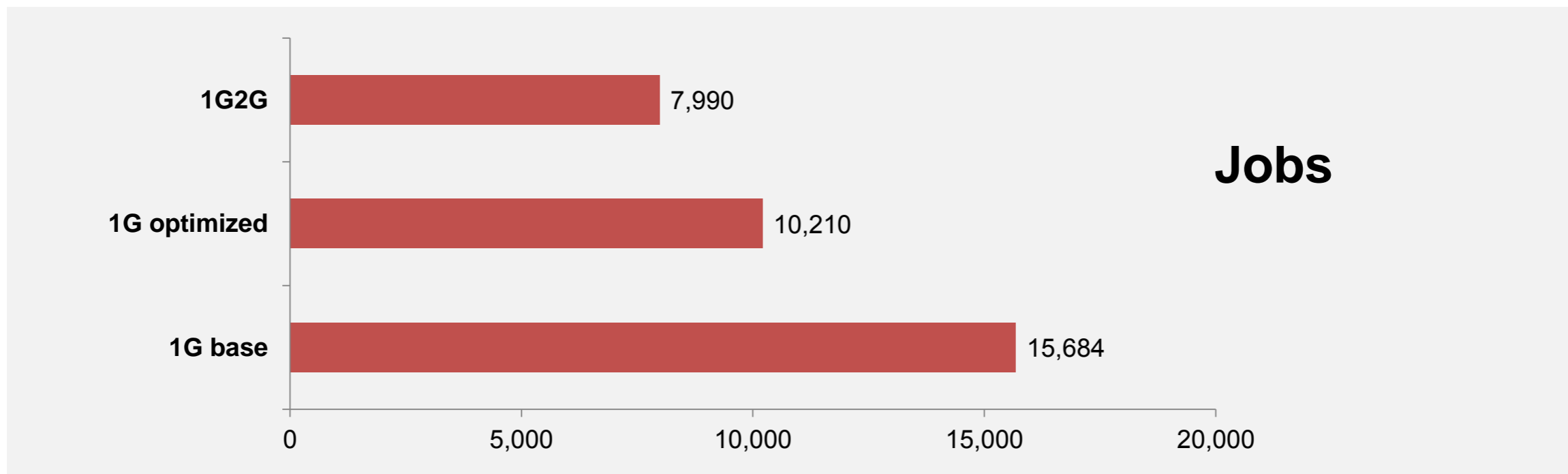
1G-base



1G-optimized
1G2G



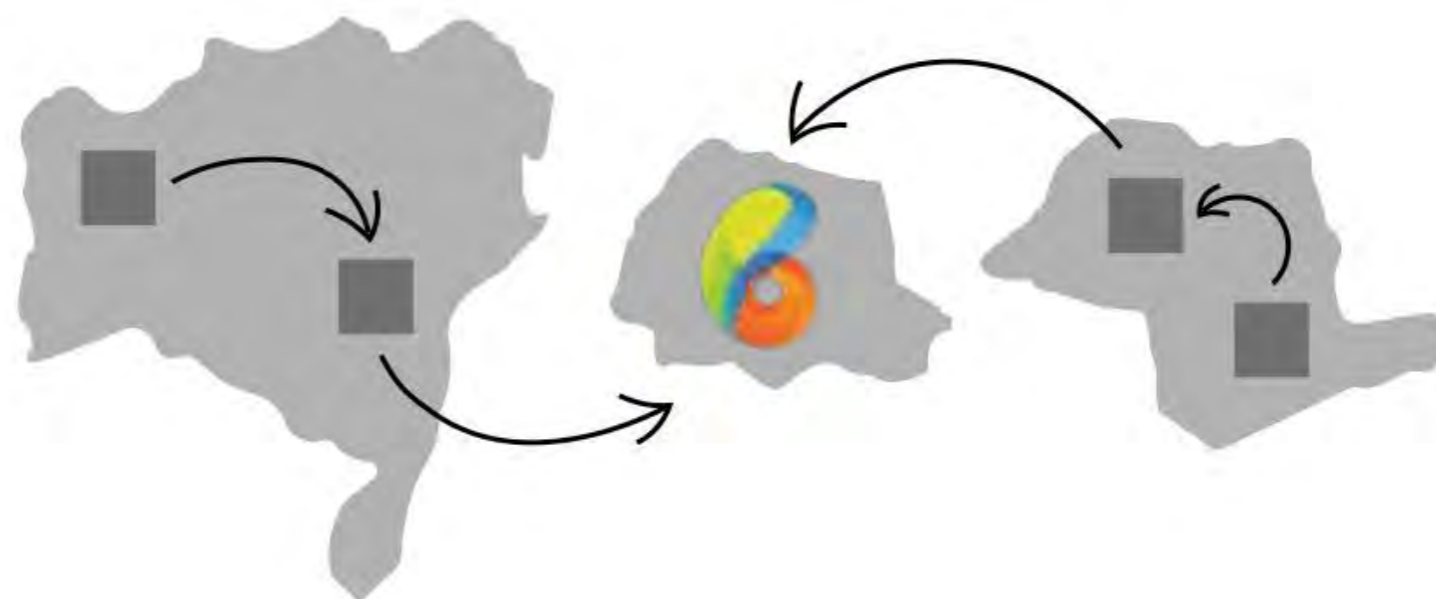




- Economic growth & Habitation deficit => Demand of Jobs
- Current status => Economy stagnated => Job losses

What are the impacts?

Social Life Cycle Assessment screening to support decision making by Grupo O Boticário



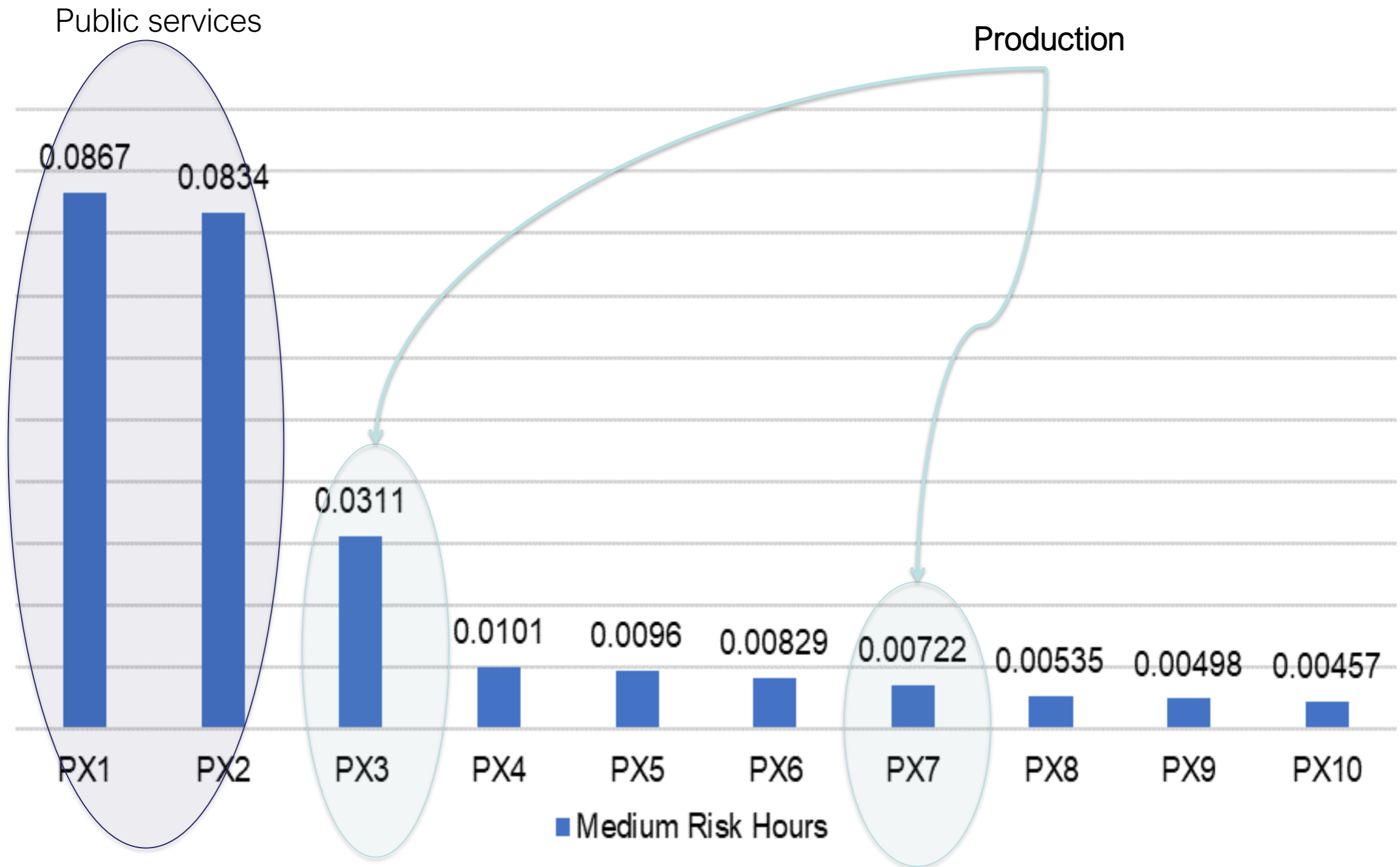
Developed by:



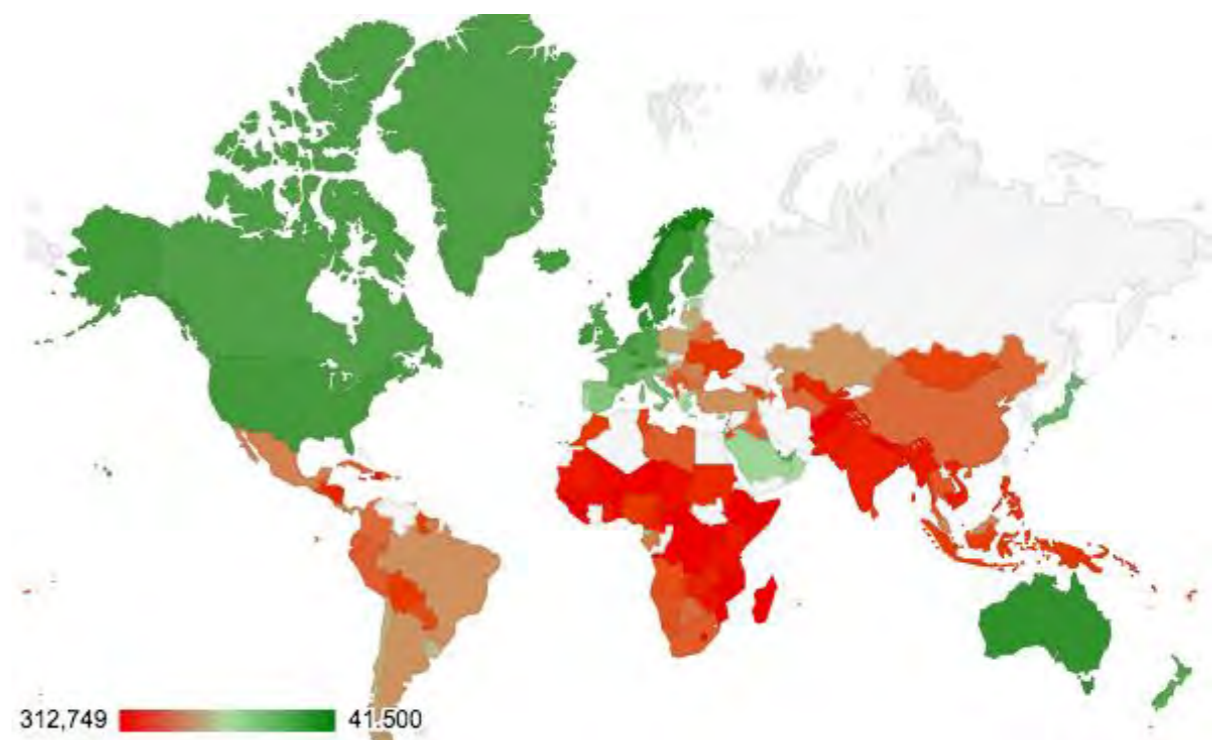
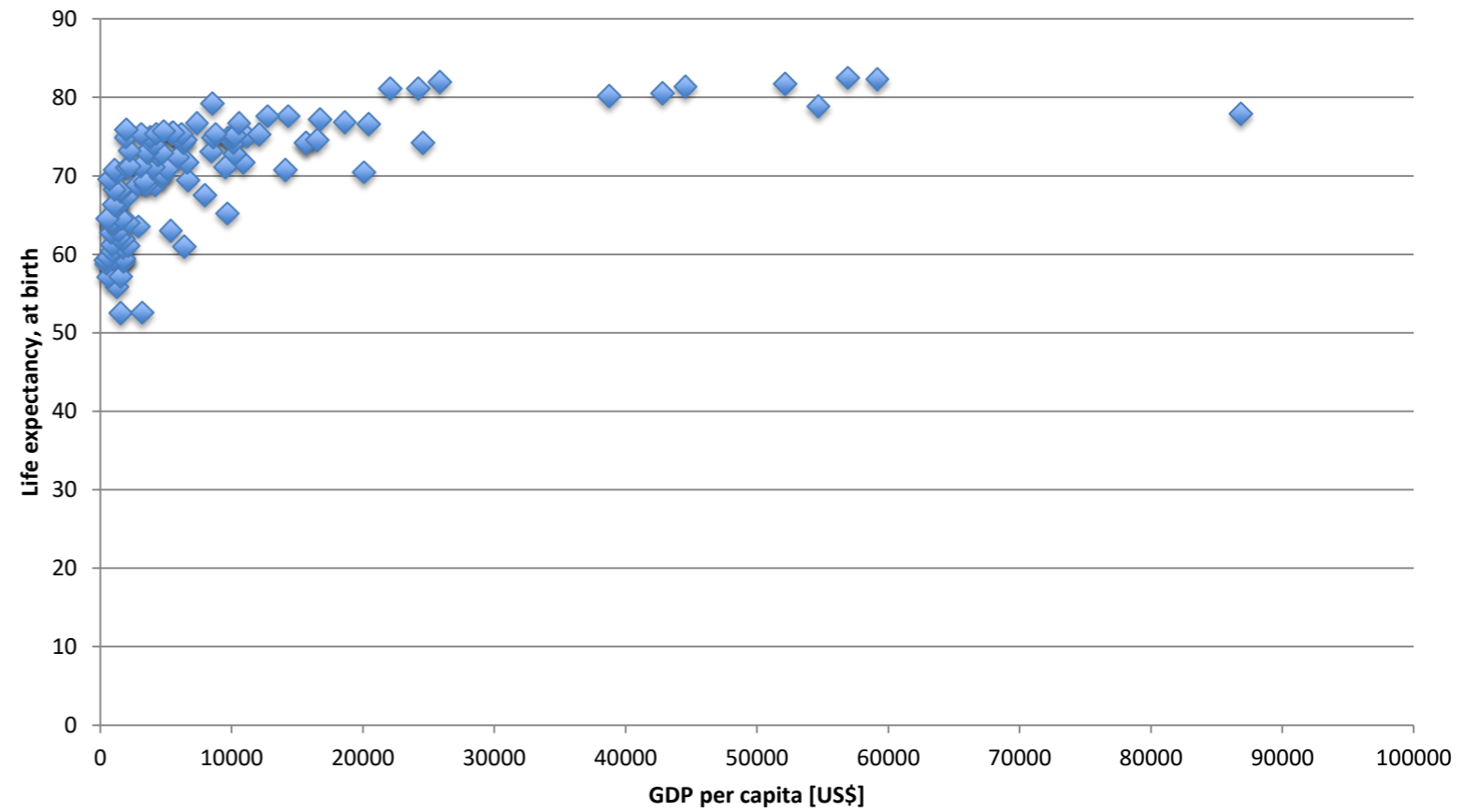
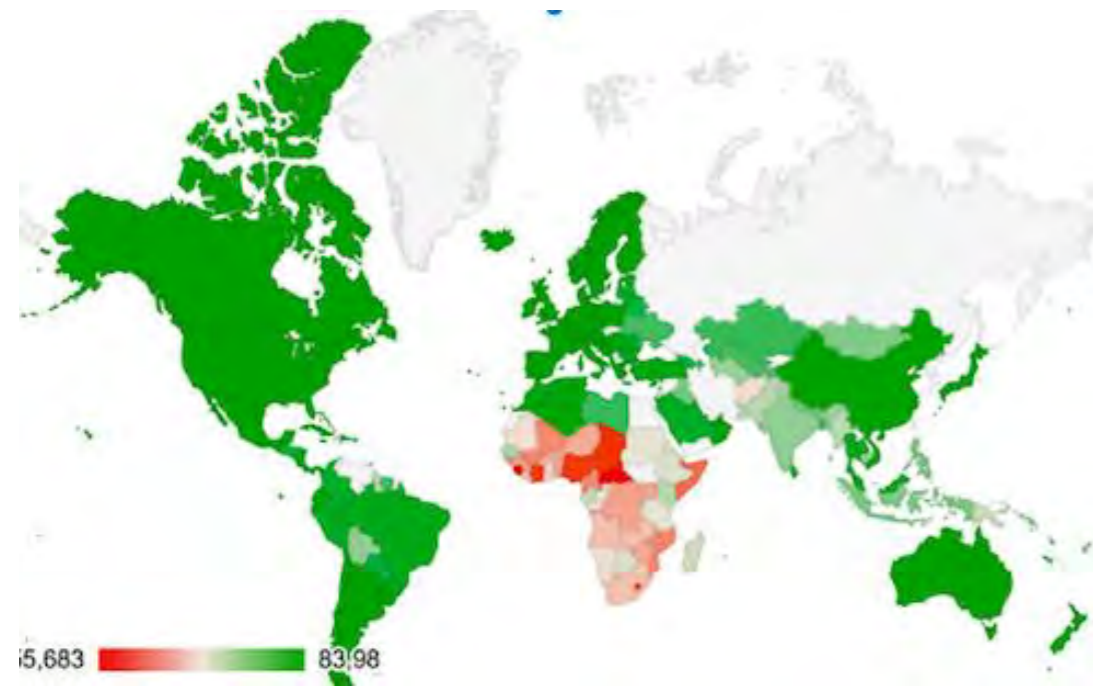
Funded by:



Screening using DB: results related to fair wage



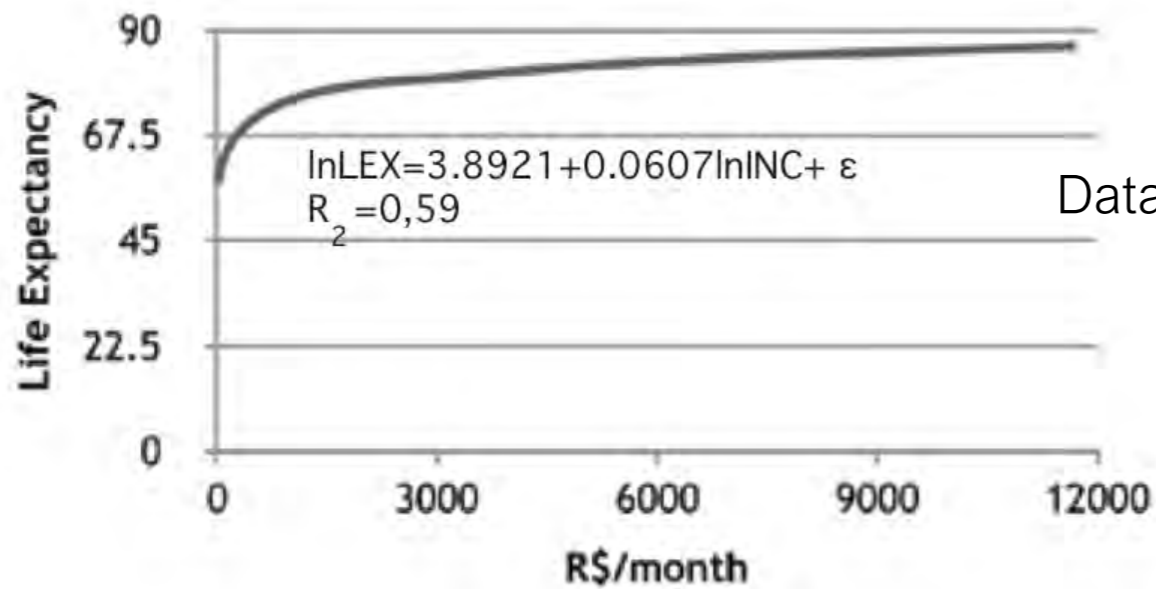
Life expectancy at birth x GDP per capita



From inventory to impact

$$\ln(LEX_i) = \alpha + \beta \ln(GDP_i) + \varepsilon_i$$

Complex indicator
Not linked to the organization



Data on wages – BR municipalities

Developed by:



Funded by:



Potential YLL of the workers



● YLL/Product

Developed by:



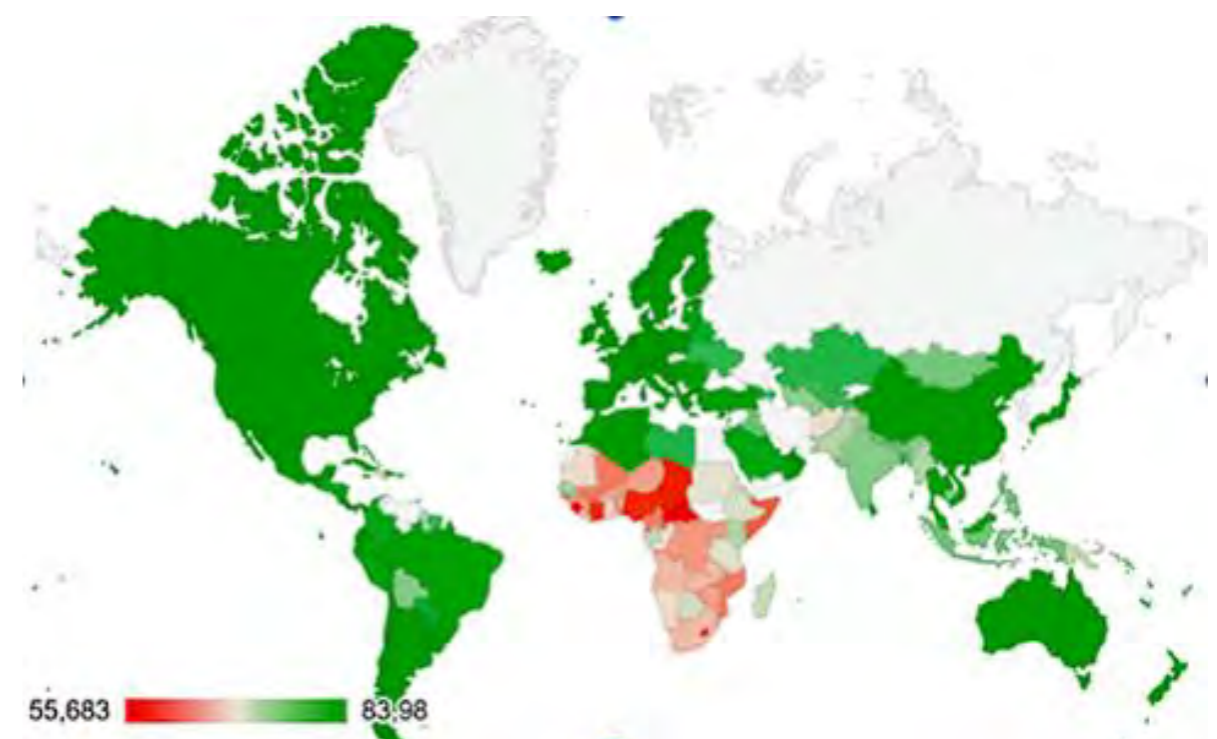
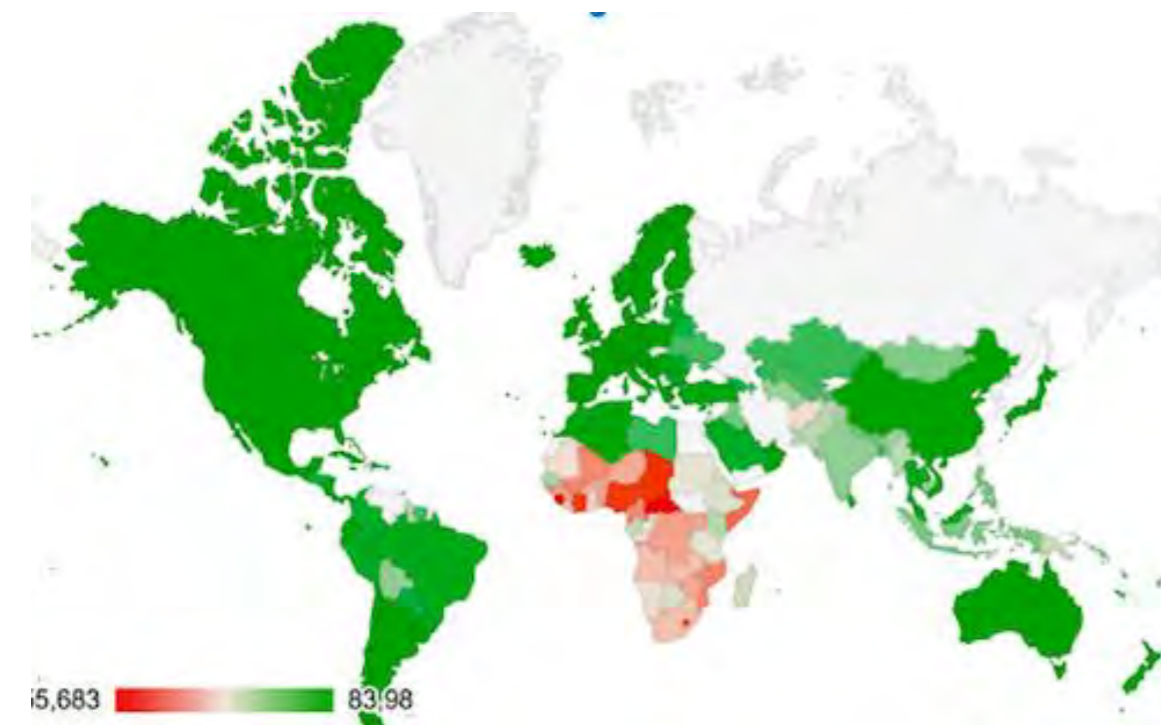
Funded by:



What are the consequences of consuming from a better situation?

From current status

To improvement



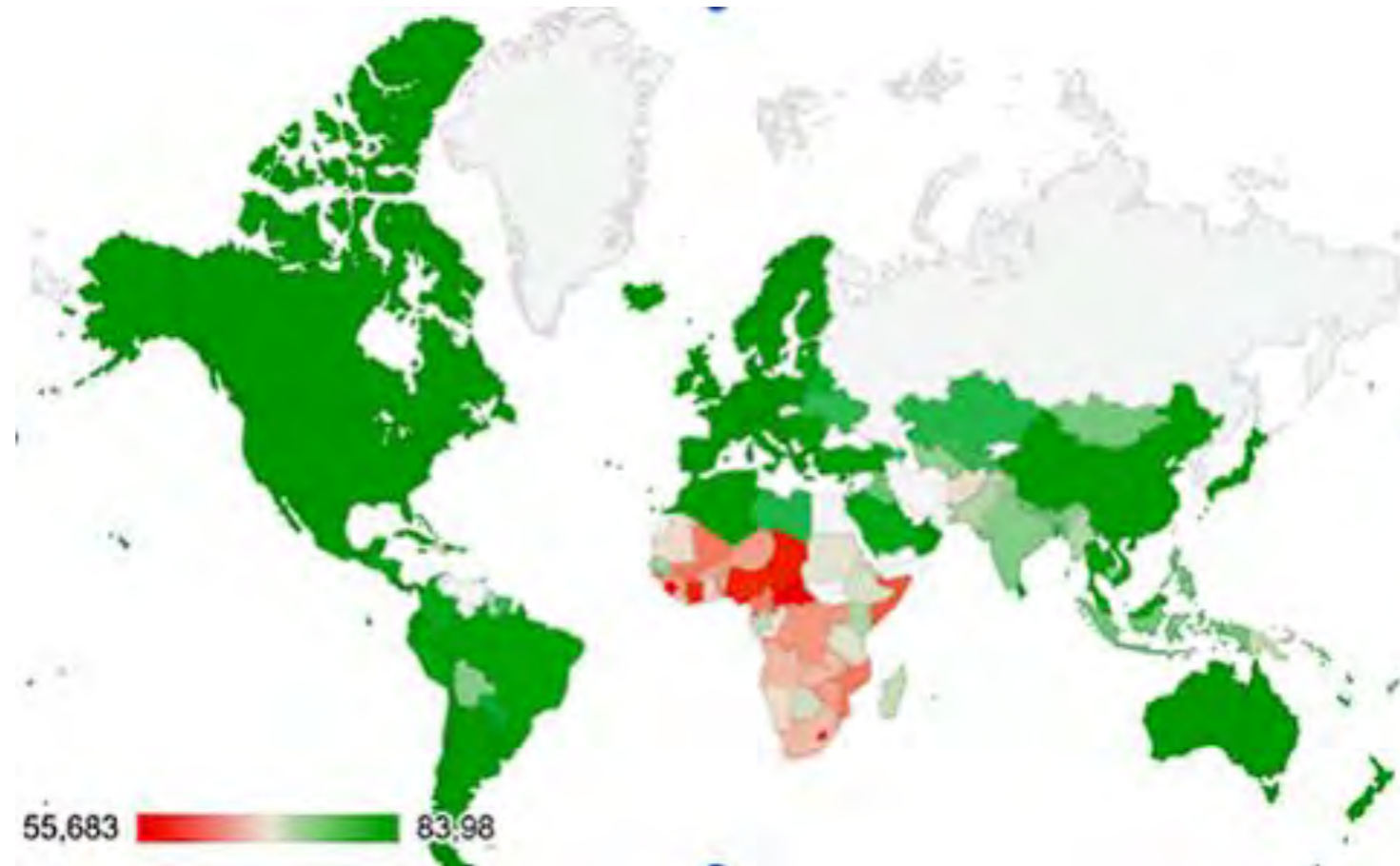




GTACV-S



Thank you for your attention!



Make the change!

Contact: cassiaugaya@utfpr.edu.br