

Farmers' and other stakeholders' view on sustainable pig production systems

Annual EAAP Meeting

Ghent (Belgium) 26-30 August 2019



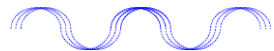
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ERA-NET **SUSAN**



CO₂, CH₄, N₂O,
NH₃, NO_x, SO₂-eq



Environment

Farmer

**Sustainability
aspects**

Animal health
& welfare

Economy

Integrative
assessment



Workshops & Farmer interviews

→ ***Background: defining indicator set***

- Literature
- Stakeholder and expert's opinion

→ ***Stakeholder and farmer perspectives***

- Workshops in seven countries (AT, DE, FI, IT, NL, PL, UK)
- 54 answers from 70 on-farm interviews

Workshops: Participants in the 7 countries

Farmer associations (organic & conventional) & farmers

Allied industries – equipment, breeding, feed, slaughterhouses

NGOs – environment & animals

Policy makers

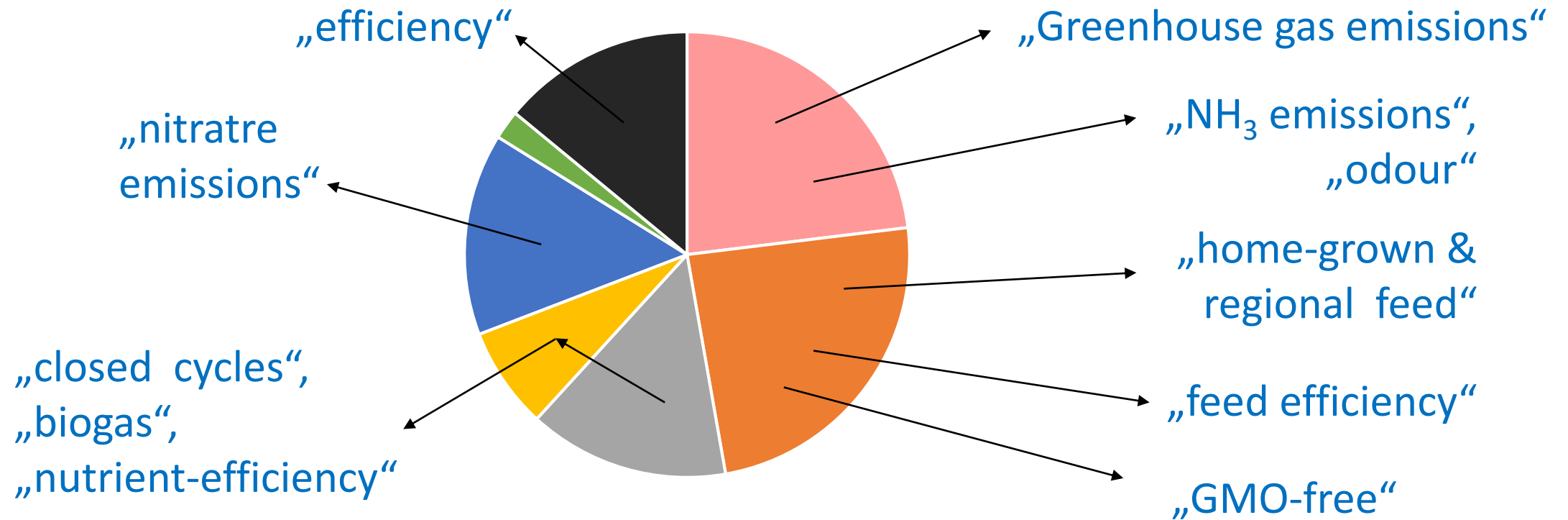
Advisors

Scientists

Consumers

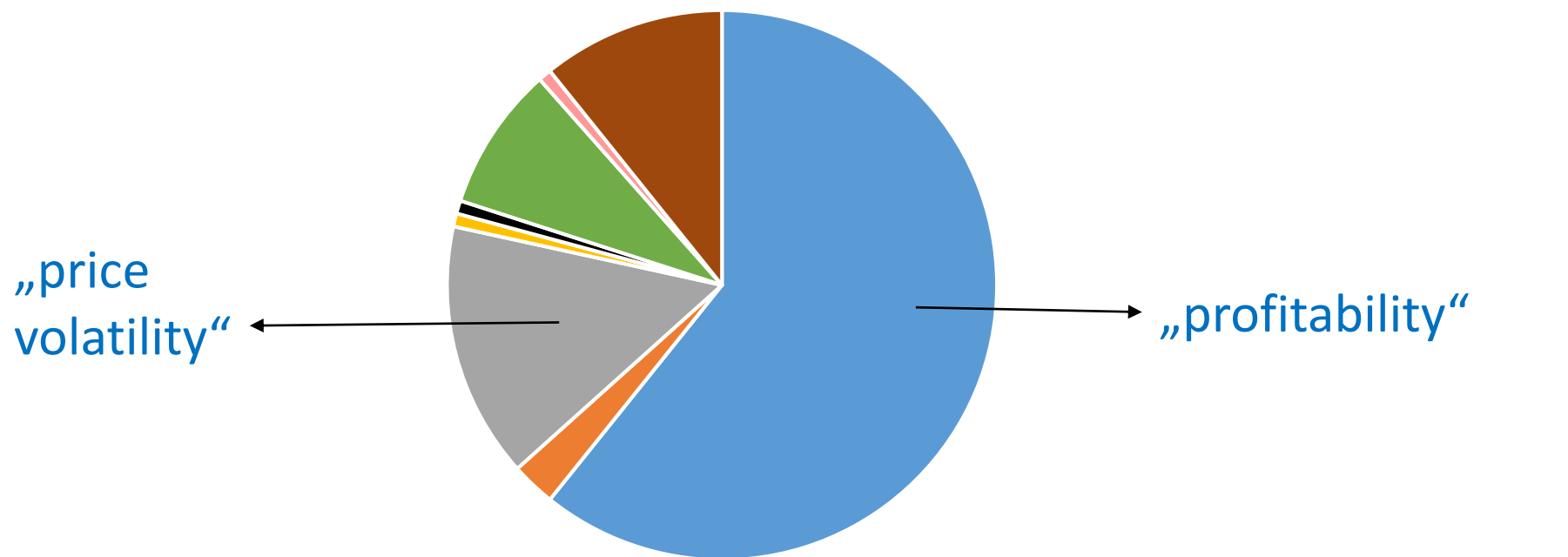
90 participants

Workshops: Environmental sustainability aspects mentioned



■ Atmosphere
 ■ Feed
 ■ Nutrient cycles
 ■ Soil
 ■ Water
 ■ Biodiversity
 ■ Material & energy

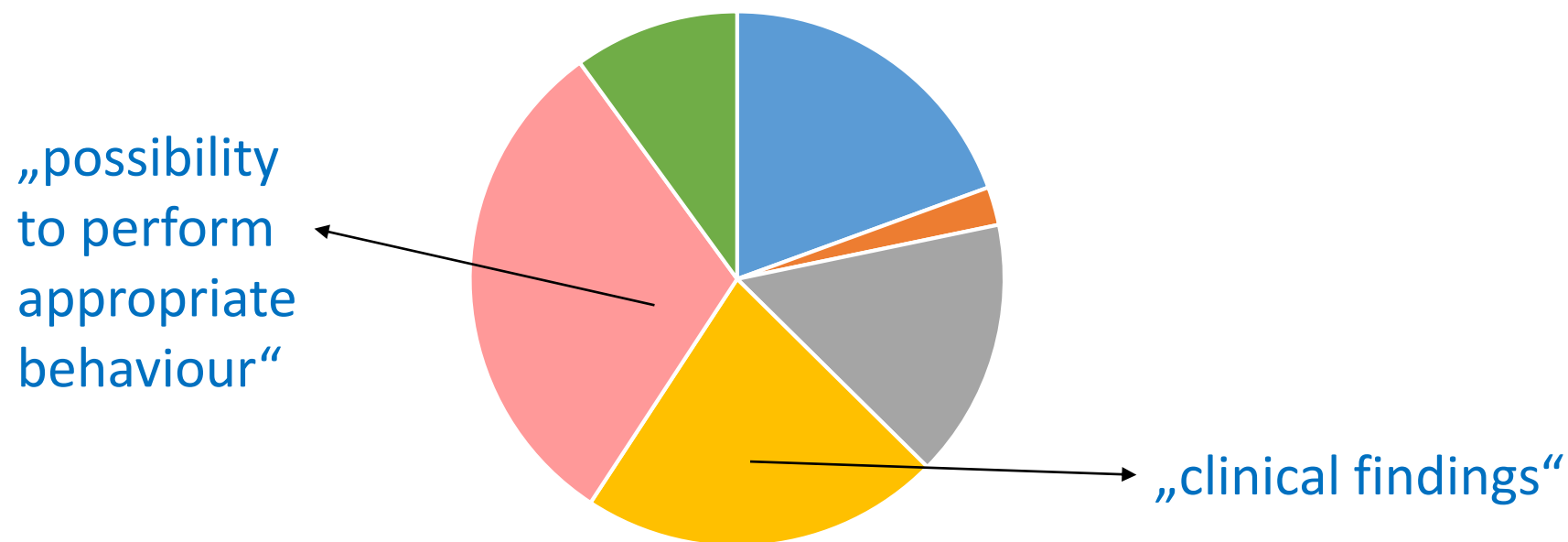
Workshops: Economic sustainability aspects mentioned



- Income/Profit/Rentability
- Fair Prices (in a free market)
- Food losses
- Advisory

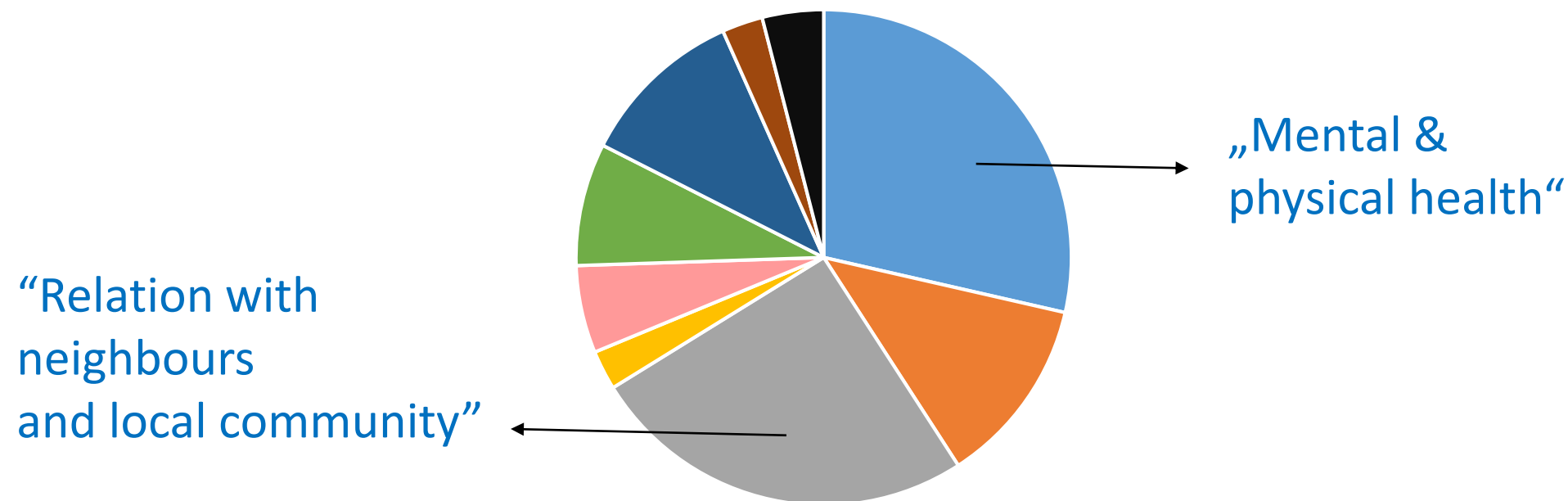
- Investment & Subsidies
- High quality (instead of mass production)
- Publicity & transparency
- Other

Workshops: Animal-related sustainability aspects mentioned



- Human-animal interaction
- (Appropriate) Feed
- Housing systems
- Animal health
- Animal welfare
- Breeding

Workshops: Social sustainability aspects mentioned



Farmer health & Workplace conditions
 Society perspective & acceptance of pig farming

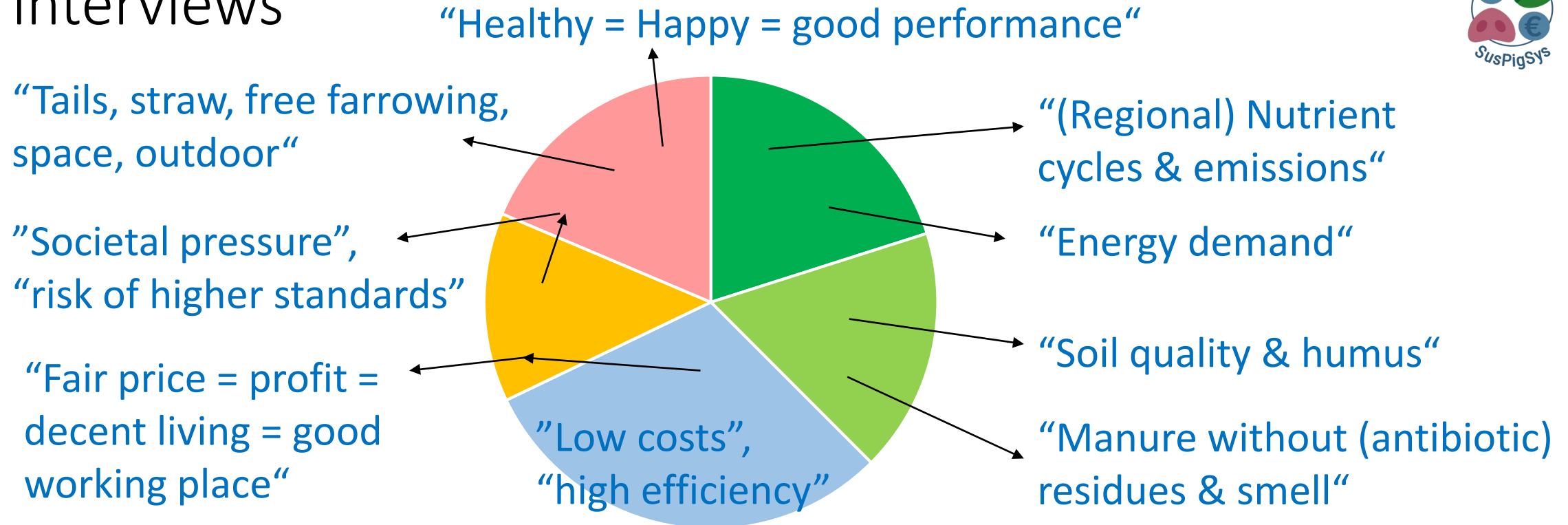
- Farm succession
- Livelihood
- others

- Healthy & cheap products
- Preservation of family farms
- New systems & technologies
- Education of society

Workshops: Country-specific emphases

Environment	Economy	Animal	Social
<p>GENERALLY: aspects from all priorities mentioned in every country</p>			
<p>AT/Fl: Animal and Social aspects</p>			
<p>DE: Environment</p>	<p>- - - - - & - - - - -</p>	<p>- - - - -</p>	<p>Animal and Social aspects</p>
<p>PL/UK/NL: <i>(economic) efficiency, performance, farm management</i></p>			
<p>IT: a l l</p>	<p>p r i o r i t i e s</p>	<p>i m p o r t a n t</p>	<p></p>

Farmer perspective: important aspects from 54 interviews



- LCA-related environmental aspects
- other environmental aspects
- economic aspects
- social aspects
- animal health and welfare aspects

Farmer perspective: aspects most mentioned

Environment >	Economy >	Animal >	Social
Environmental (mainly LCA) & Economy (costs, income,..) IN GENERAL important		Animal- and Social aspects with lower relevance	
AT/DE: (Nutrient) Cycles between feed production and pig house (manure)	(DE)		
IT	PL / UK		

CONCLUSION

- For farmers: environmental & economic aspects most important
- For stakeholders (workshops): social & animal-related issues in some countries most important
- Differences between countries could also be due to different interviewers / workshop leaders
- Views of pig farmers and other stakeholders: more similar than might be expected
- Animals (pigs) broadly addressed in the integrated assessment, but also all other sustainability dimensions
- Nearly all aspects from national workshops and farmer interviews are addressed in the integrated assessment method with > 160 indicators

Thank you...

... the SusPigSys-consortium including the farm interviewers and workshop leaders

... the contributing stakeholders & farmers



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... for your attention!



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