



Green Infrastructure – essential for well-being in Cities of tomorrow!

**What does it need to implement it?
What does it need to have it forever?**

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Green Infrastructure – Forever!





The Message of this Conference:

We need Green Infrastructure in our Cities!

We need Nature in our Cities!

We need Trees in our Cities!

We need Nature based Solutions!

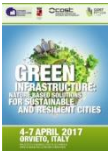


No doubt!



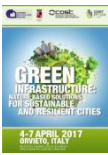
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But:



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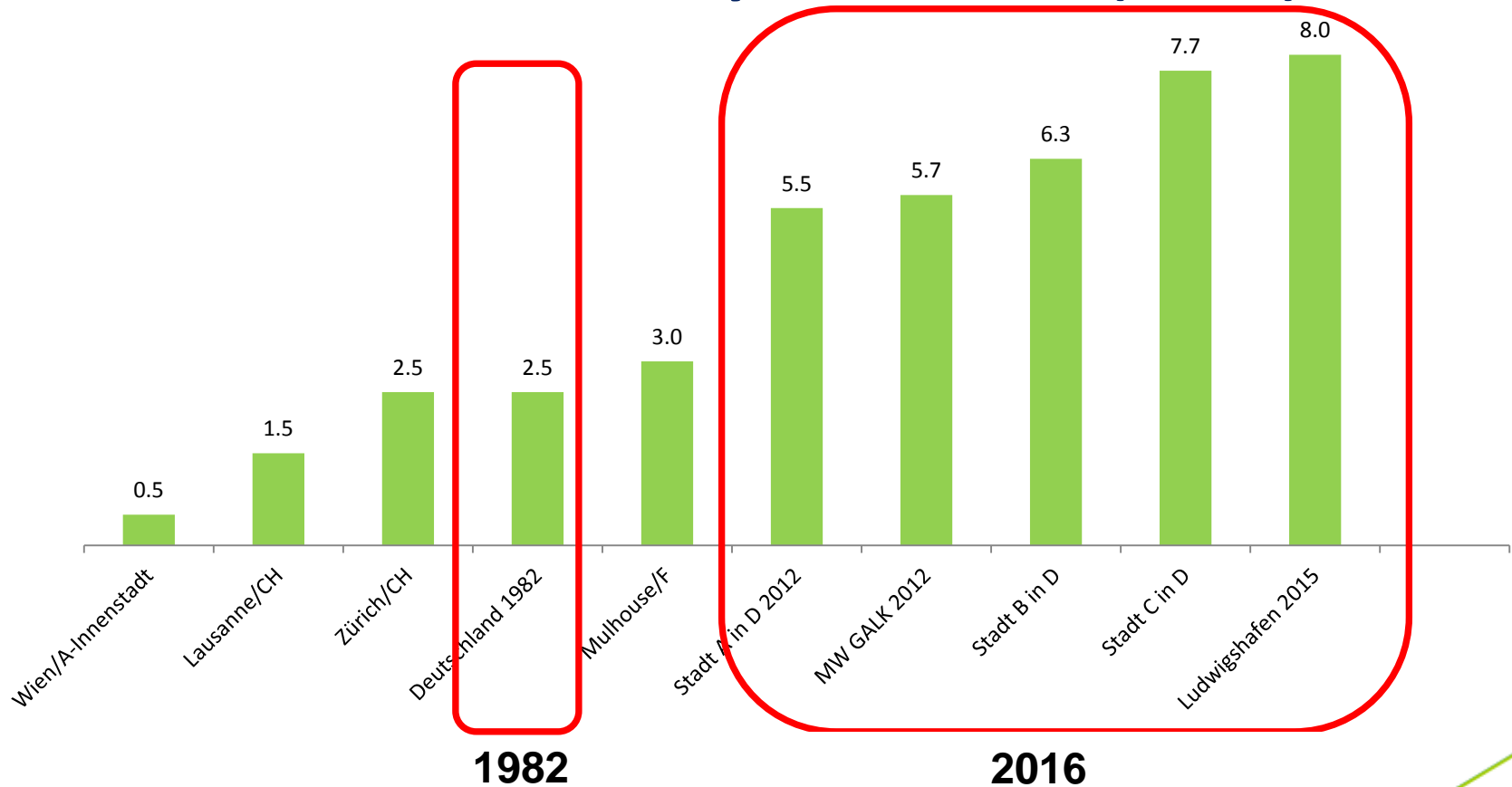
The Problem:

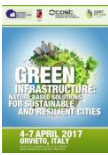


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1982: 1 Gardener in the City – 2,5 ha

2016: 1 Gardener in the City – 5.5 – 8 ha (16 ha)

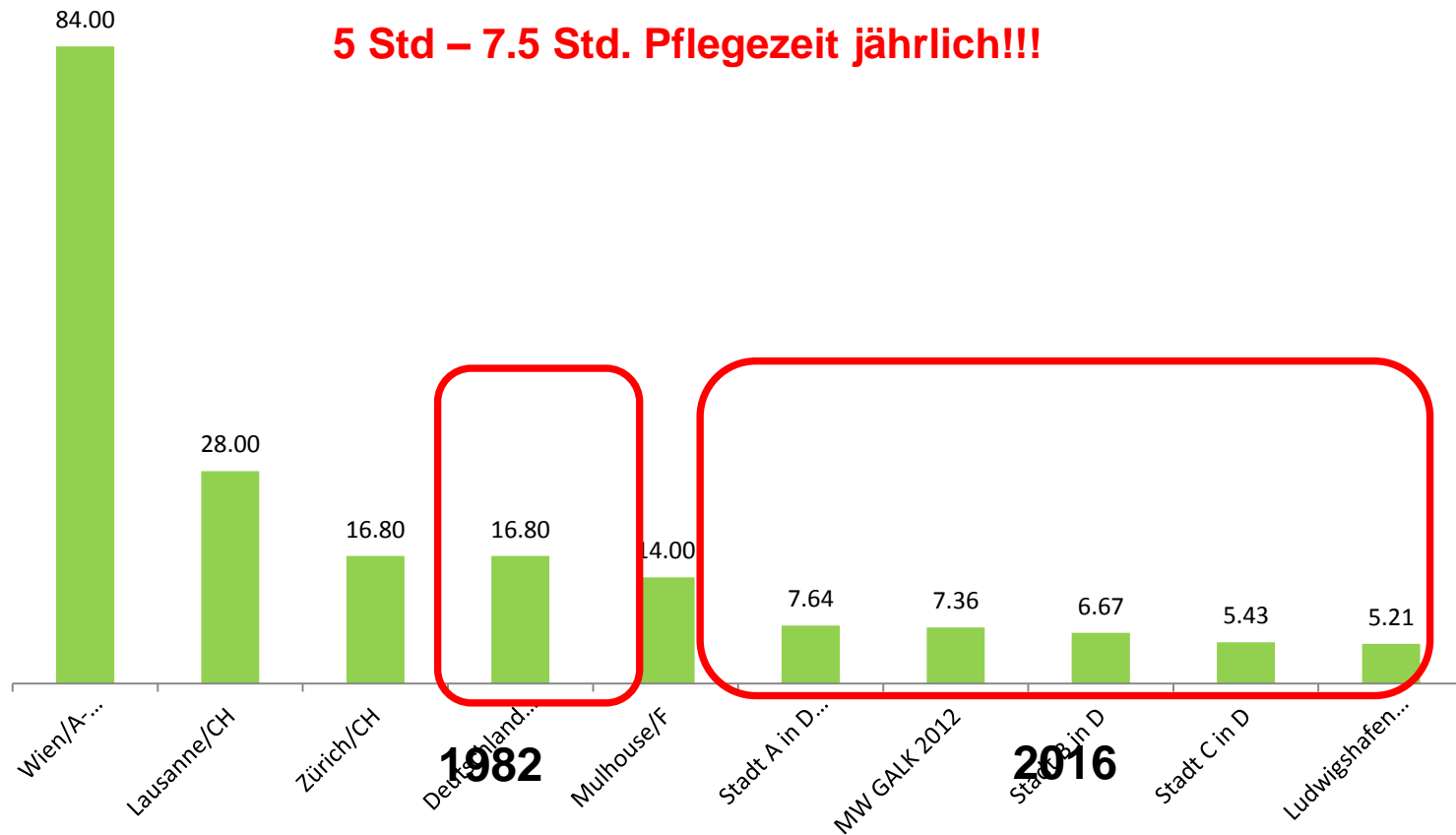




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Working time in a 300 m² Garden:

5 Std – 7.5 Std. Pflegezeit jährlich!!!





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1982 – 2017 = 35 years of Experience:

**Research and Consulting for Park
Departments and Organisations who are
responsible for Parks and GI.**



1982 – 2017 = 35 years

**Attending Conferences about
Green in the City!**



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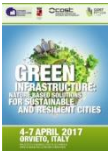
1982 – 2017 = 35 years

**We tell each other the importance of
Park, Green Infrastructure, Urban
Forests for the Cities of tomorrow.**



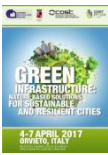
Very nice!

I really like it!!!

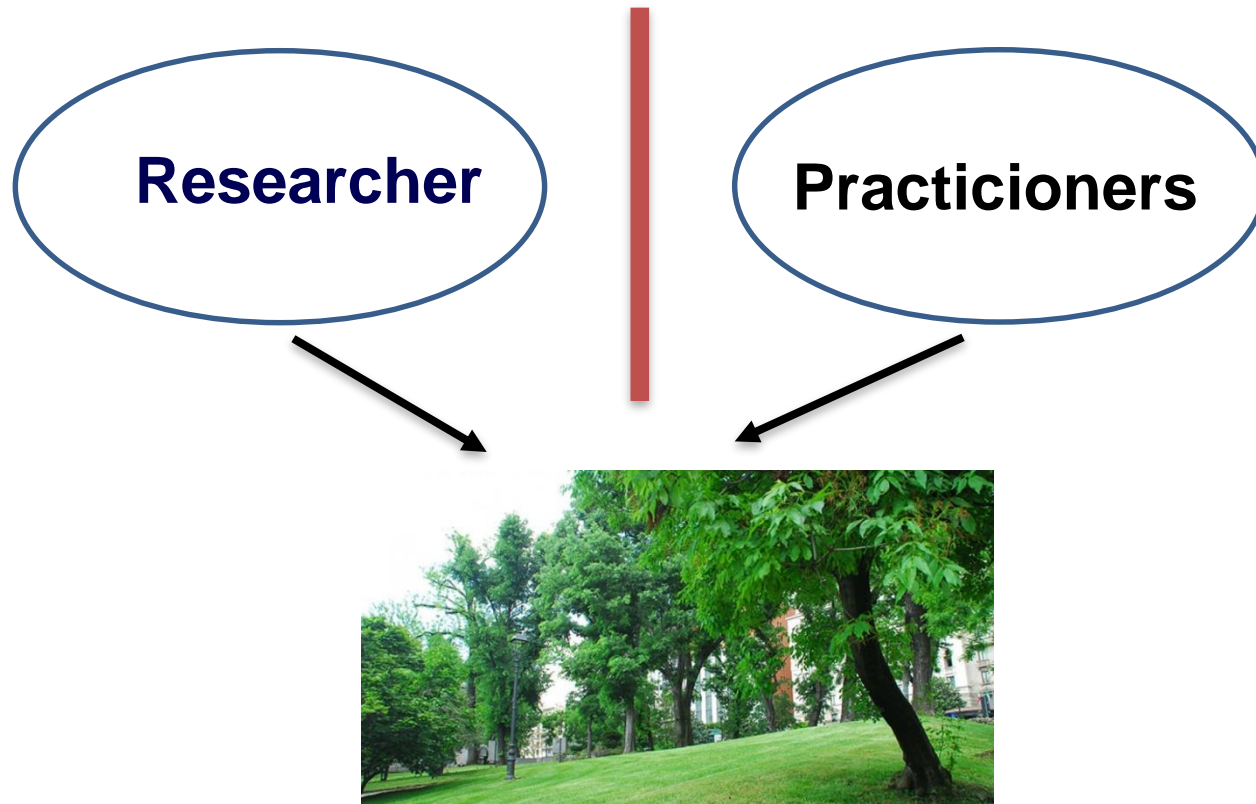


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But:

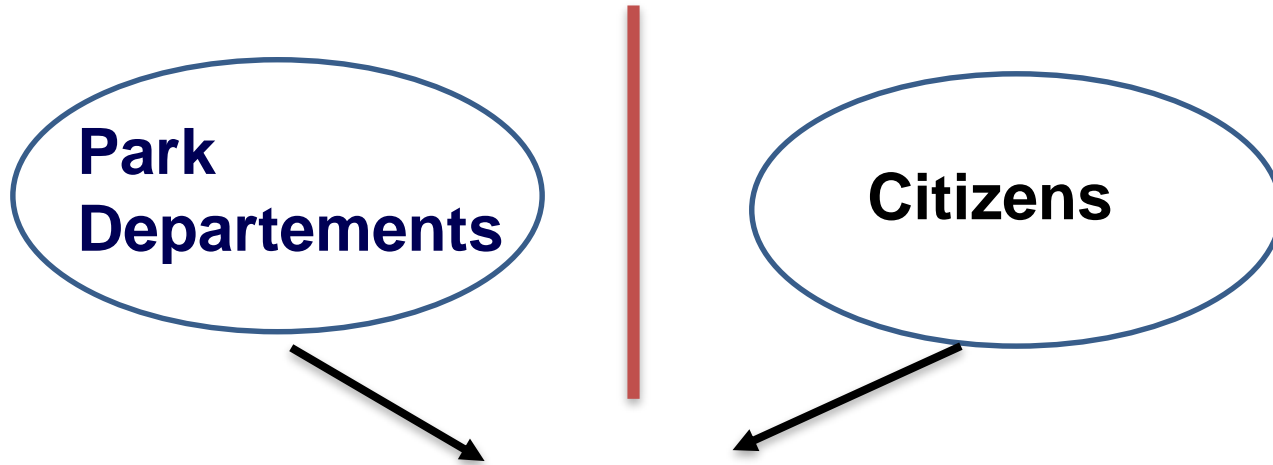


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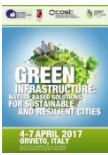




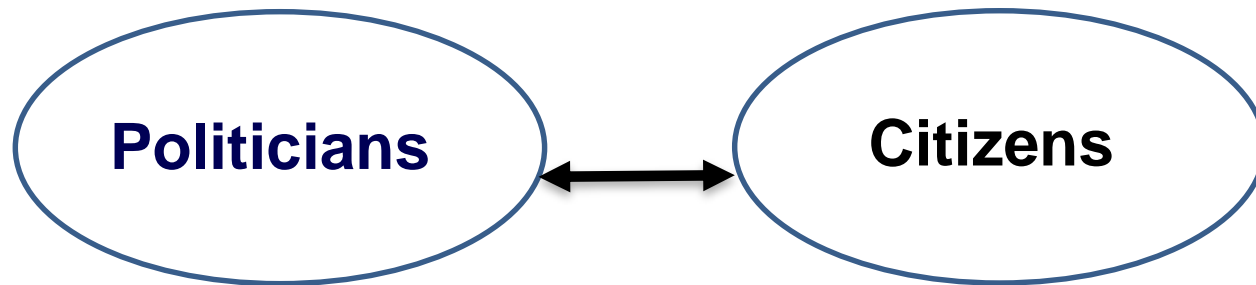
What can we do to built bridges? t

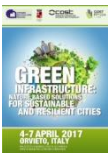


Ideas



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Citizens





**Practitioners and Researcher often
make a mistake:**

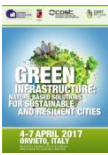
The fish has to like the bait – not the fisherman



Bildquelle: Süddeutsche Zeitung



But there is help: in the Psychologie



Concept 1:

**Humans can act with two
backgrounds:**

- 1) LOVE**
- 2) FEAR**



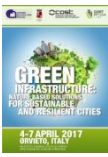
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LOVE

**Emotion
Altruism
Personal Background
Believes
Education**

FEAR

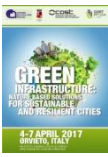
**Threats
Laws
Restrictions
Punishment**



Concept 2:

Humans have four types of behavior:

- 1) attack or being active against or for s.th.**
- 2) running away - flight**
- 3) don't move – being like dead**
- 4) Negotiation**



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attack

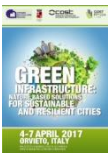
**„Citizens are crazy, they should do....“
„I know everything, I will tell it to you“**

**running
away**

**„I know it but it is senseless“
„I do not talk to you“
„Not my problem“**

don` t move

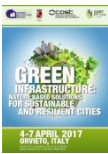
**„I do my work and try to make no mistake“
„I have only one year to retirement. Why
should I act?“
„My next vacation are soon. I try to reach the
day when I left“
„I will get my payment anyway“**



Negotiation

**„I have an idea
You have an idea, let`s try to find a way“**

**„I understand your problem quite well!
We have to find a way to solve your
problem and to realise my idea!“**



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Researcher

**Citizens and
Users**



Administration

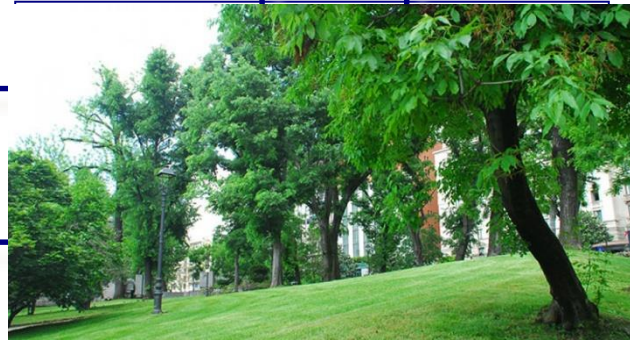
Politicians



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Researcher

**Citizens and
Users**



Administration

Politicians



1. There are two concepts of research:

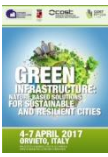
- the “old-fashioned” research – research for doing research
- the “justified-research” – research to bring forward the society

2. Research is some sort of a market:

- Researchers have to write papers,
- they have to present what they are doing
- they have to get money for the research

3. Researchers have to follow the scientific rules and the scientific writing!

4. Conclusions are mostly a small part of the work.



Options of behavior for Researchers

Attacking with the research!:

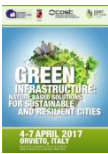
„I am a researcher, I know everything“

Don`t move (only if they are financed!):

„I could do it, but who pays???“

Negotiation:

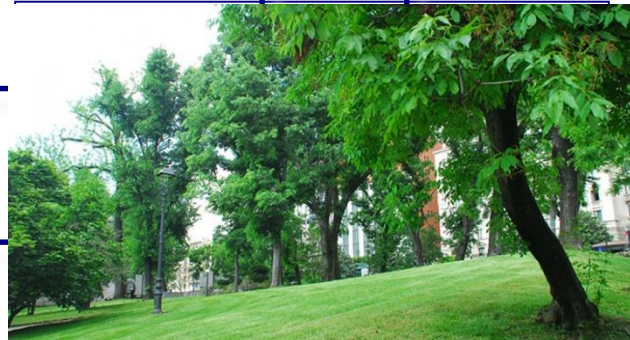
I have a result – How can we implement it?



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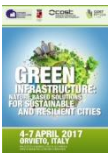
Researcher

Citizens and
Users

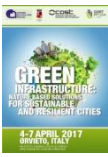


Administration

Politicians

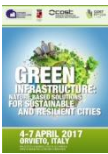


- 1. The administration (e.g. Financing, Maintenance) of GI in a City is not easy.**
- 2. Justification of the work have to be done every day!**
- 3. Fight within the Municipality!**
- 4. Lawyer of Green Spaces and Parks**
- 5. „If you don`t count you don`t count“**



Options of behavior for the Administration

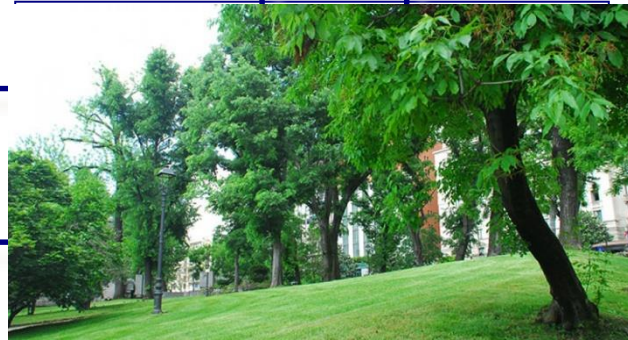
- 1) **Attacking – but there is a risk of being fired!**
- 2) **Being offensive – with the risk of being fired!**
- 3) **Don't move – „We better wait for“**
- 4) **In some Cities they can run away! – “I would really do something for GI, but sorry I am overwhelmed”**
- 5) **Negotiating if they are smart! – “I have an idea – how can we realize it?”**



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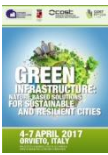
Researcher

Citizens and
Users

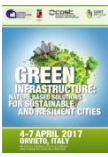


Park
Departments

Politicians

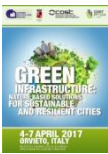


- 1. Politicians like to be elected!**
- 2. Politicians need to be backed by their Party!**
- 3. Politicians like to do the „right“ things!**
- 4. Politicians are open to research - but:**
- 5. Politicians cannot read more than one page!**
- 6. Politicians can only remember two sentence!**
„Elevator Pitch“



Options of Behavior for Politicians

- 1) **Attack – if Citizens like it!**
- 2) **Being offensive – if the Party backed them and the Citizens like it!**
- 3) **Negotiating if they are smart! – “I have an idea – how can we realize it?”**



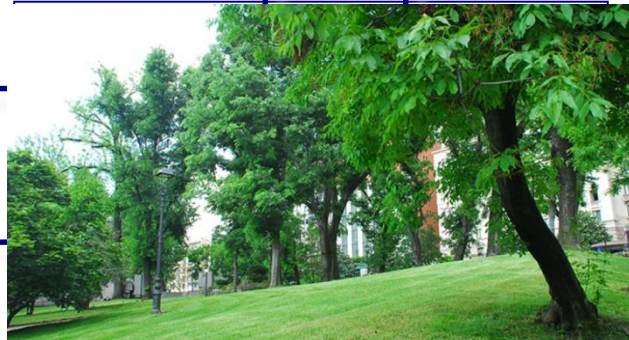
WORLD
URBAN
PARKS

the organisation for open space and recreation

Green Infrastructure – Forever!

Researcher

**Citizens and
Users**



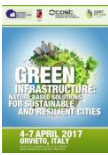
Park
Departments

Politicians

AS



Citizens have emotions!

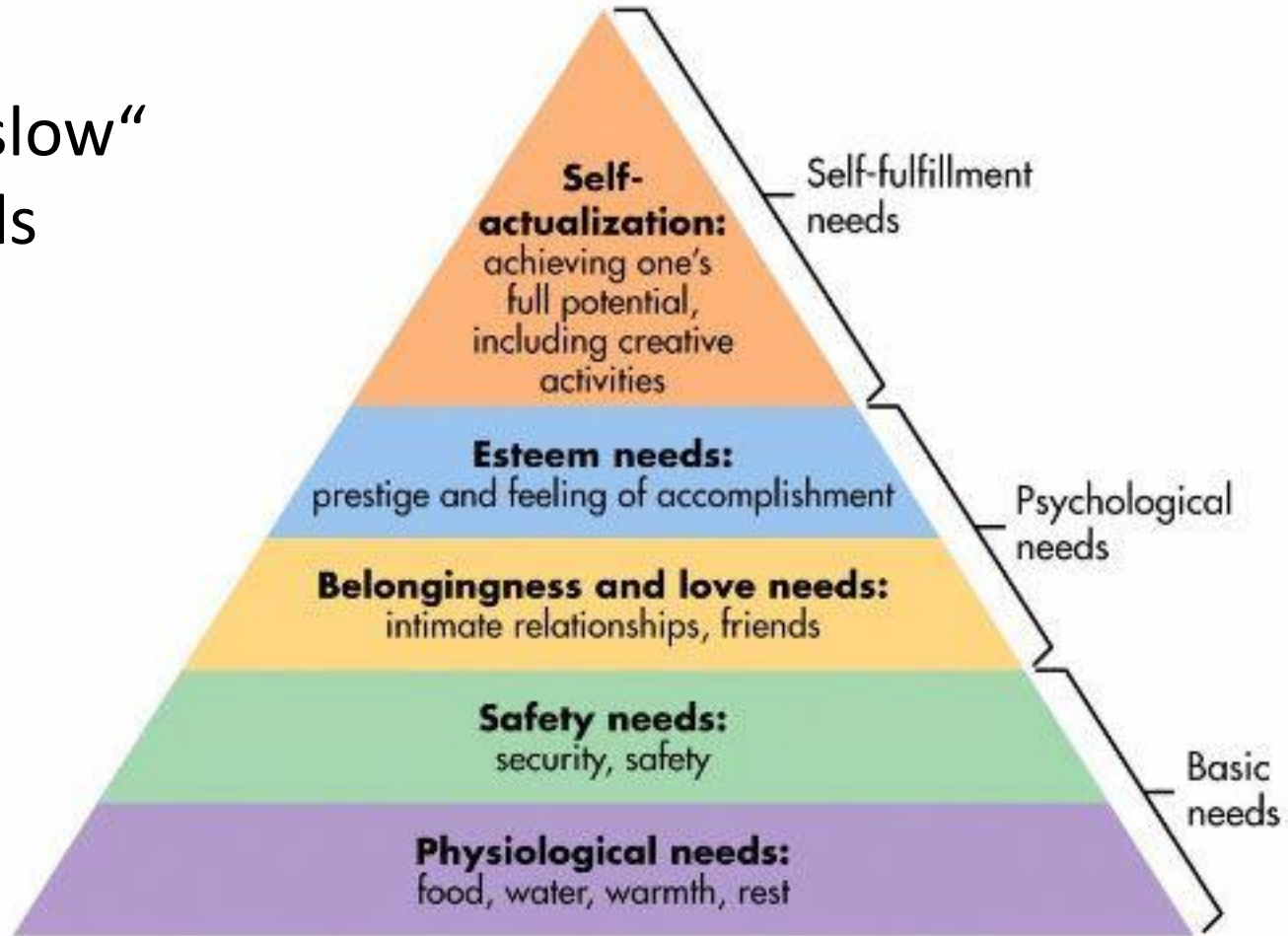


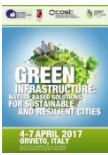
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Facts	Emotions	Decision
Positive	Positive	yes
Positive	Negative	no
Negative	Positive	yes
Negative	Negative	no

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„Maslow“ Needs





Options for the Citizens:

- 1) **Attacking:** „I know everything about green areas, my grandfather had a garden and I mowed the lawn every Saturday“
- 2) **Being offensive:** „You should cut the trees NOW!“
- 3) **Don` t move:** „Why do you ask ME???“
- 4) **Run away:** „I would like to walk in the park, but I have no time“
- 5) **Negotiating if they are smart!** – “I have an idea – how can we realize it?“



To Bring Research to Citizens:

Make it simple!



Warum sind Außenanlagen in der Stadt so wichtig?

Meta-Studie 2013:

Die positiven Wirkungen von Grünflächen für die:

- Biodiversität,
- Gesundheit und
- Wohlbefinden der Stadtbewohner
- Immobilienpreise in den Städten
- Abkühlung der Städte in heißen Sommermonaten

(Konijnendijk, C; Annerstedt, M; Nielsen, B; Maruthaveeran, S; Copenhagen, Alnarp, 2013).

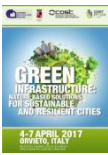
FLL 2003: Qualitätskriterien von Grünflächen

Sauber – Sicher – Gute Pflege

Biodiversität in der Stadt



What to do with this knowledge of human behavior?

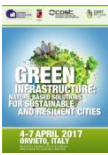


**WORLD
URBAN
PARKS**

the organisation for open space and recreation

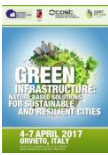
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	Researcher	Administration	Politicians	Citizens
Researcher	offensive telling each other	attack-being offensive negotiate	offensive providing information	only in a simple way
Administration	ask for support	it depends	offensive running away being death negotiating	attack running away being death negotiating
Politicians	ask for support	offensive running away being death negotiating	competition support of GI	„What do you like?“
Citizens	attack	attack negotiate	attack being offensive	cooperate competition discussion

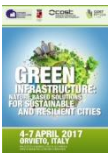


Not good for GI:

Attack – Attack

Running away – Running away

Don` t move – Don` t move



Good for GI:

Negotiating!!!

Talking to the people in their language

Let`s do it together!



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Researcher

**Citizens and
Users**

Collaboration and Negotiation!!!

Administration

Politicians



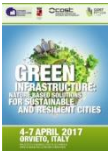
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Talking and Negotiation!!!



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How?



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Another Presentation!



Green Infrastructure – Forever!

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Thank you!

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