

Research seminar
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Policy Packaging: Theory, Methodology and the Practice

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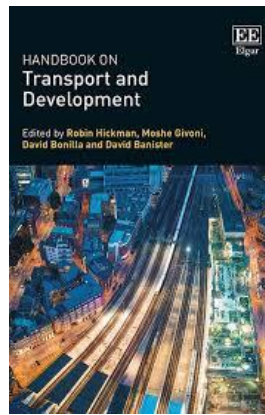
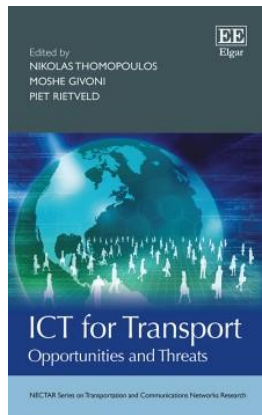
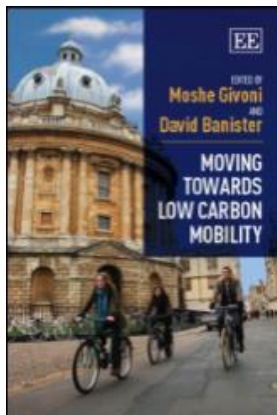
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Transport Studies Unit
School of Geography and the Environment
University of Oxford, UK

Transport Research Unit

(Opened April, 2014)

“Strives to better understand the social, economic and environmental impacts of transport in time and space in order to promote sustainable transport policy”



Six research routes to steer transport policy

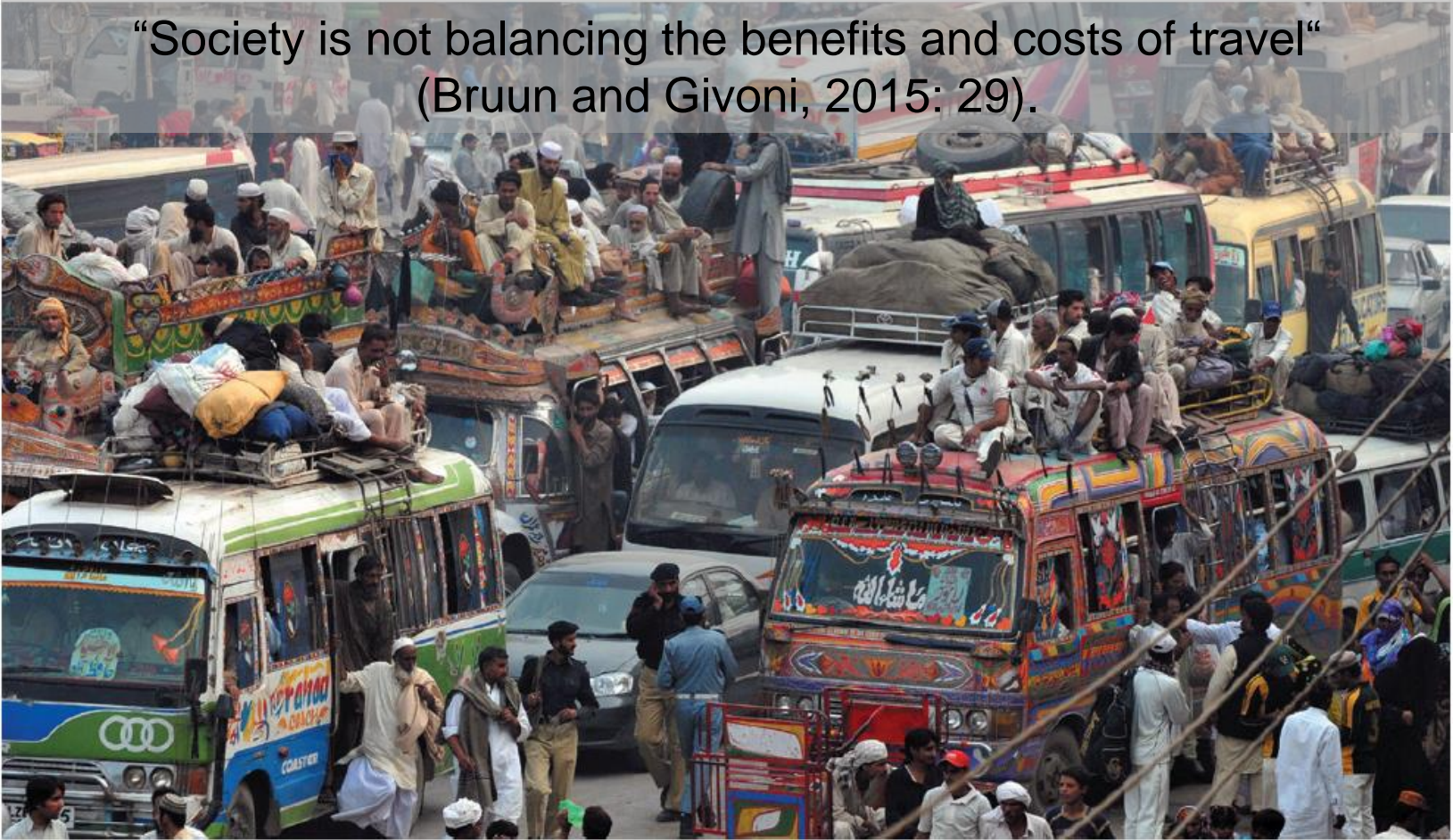
Strategies must better balance the costs and benefits of travel and be realistic about the promises of new technologies, say **Eric Bruun** and **Moshe Givoni**.

- Moving Towards Low Carbon Mobility (2013)
- ICT for Transport – Opportunities and Threats (2015)
- Transport and Development (2015)

What is the problem with transport?

“Society is not balancing the benefits and costs of travel”
(Bruun and Givoni, 2015: 29).

ARIF ALI/AFP/GETTY



Cities such as Lahore in Pakistan can have traffic jams that last for hours.

What is the problem with transport?



**“Society is not balancing the benefits and costs of travel“
(Bruun and Givoni, 2015: 29).**

What is the (policy) solution?

Improve



The E-Bone –
zero-emission bus

Shift



Modal-shift

Avoid



Tele-commuting

We know what needs to be done

And still we seem to not be able to do it

Policy Packaging in (transport) Policy



(Salomon and Singer, 2011)

- The vast majority of these problems are multi-aspect in nature (*'Messy'* - Ney (2009) and *'Wicked'* - Rittel and Webber (1973))
- No one measure is likely to address a specific 'problem'
- Policy actions too often are not implemented and if implemented do not bring the desired results

Policy Packaging: the Theory (key ingredients)

Policy measures: (instruments, tools): Primary and Ancillary

Primary measure: Congestion charging

Ancillary measure: Hypothecation of the charge

Effectiveness:

Immediate (direct), Collateral (including Unintended effects), Net

Road expansion to relieve congestion (induced demand)

Implementability:

Transaction costs (barriers to implementation): financial, technical, administrative, legislative, public acceptability, political acceptability, etc.

Congestion Charging

Efficiency

Policy Packaging: the Theory (key ingredients)

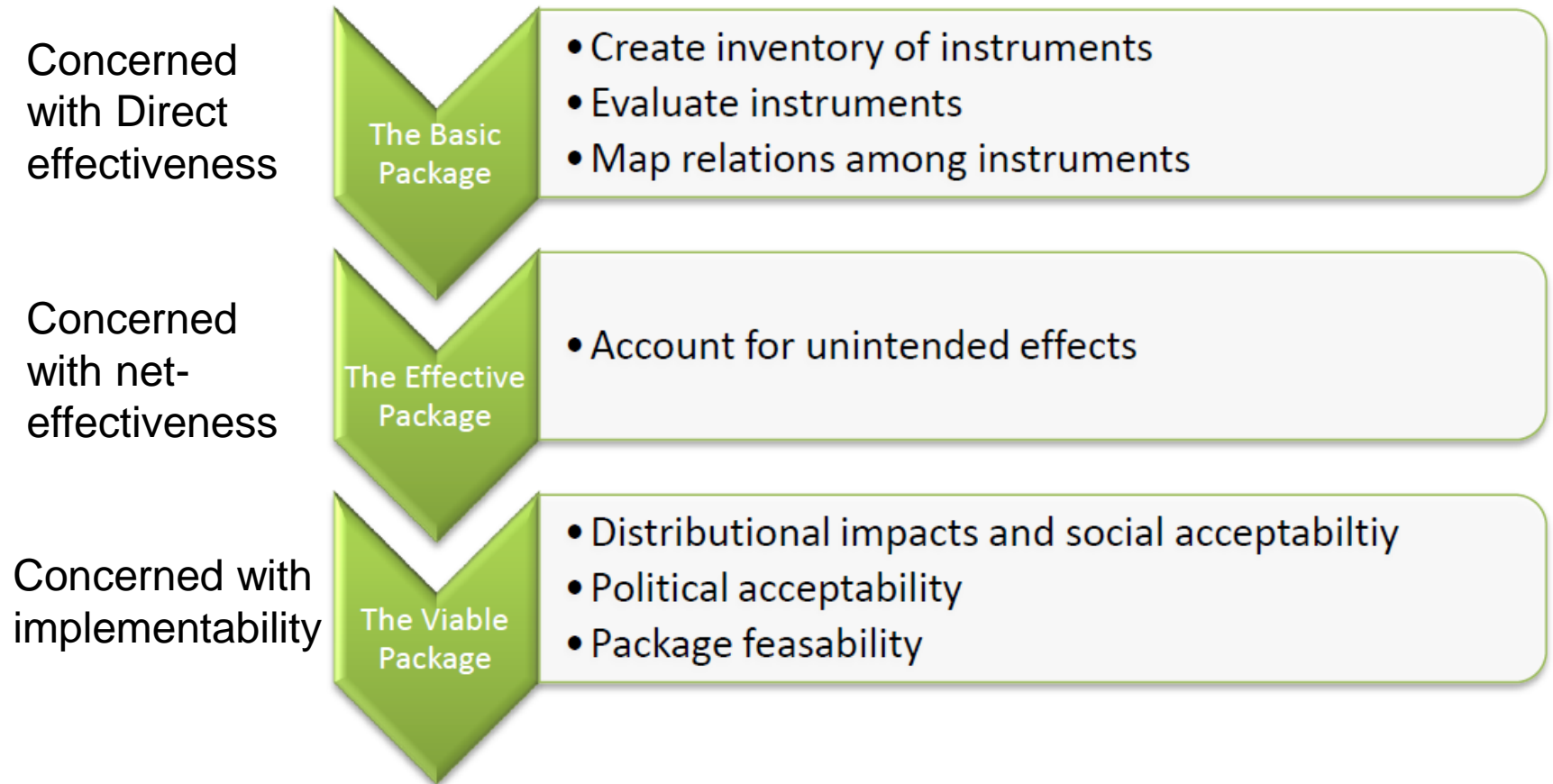
Efficiency: The level of ‘effectiveness’, or desired change, achieved per implementation effort / transaction cost



Policy Package: “a combination of policy measures designed to address one or more policy objectives; created in order to improve the *effectiveness* of the individual policy measures, while minimizing possible unintended effects and *facilitating their implementation* in order to increase *efficiency*”
(Based on Givoni et al., 2013).



Policy Packaging: the methodology (and methods)



Move to actual implementation!

Policy Packaging: the methodology (and methods)

Towards the Basic Package:

- Multi-Criteria Analysis of measures' characteristics
- Selection of “promising” measures
- Measures' relation-analysis

The relation matrix

| Ms. | 1 | 2 | 3 | 4 |
|-----|---|----|---|----|
| 1 | 0 | 0 | 0 | S |
| 2 | F | 0 | P | PC |
| 3 | F | 0 | 0 | 0 |
| 4 | S | PC | P | 0 |

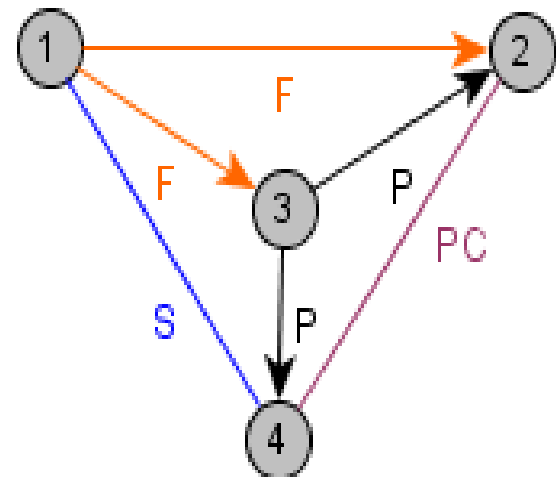
0 – no relation

F – Facilitation

S – Synergy

P – Precondition

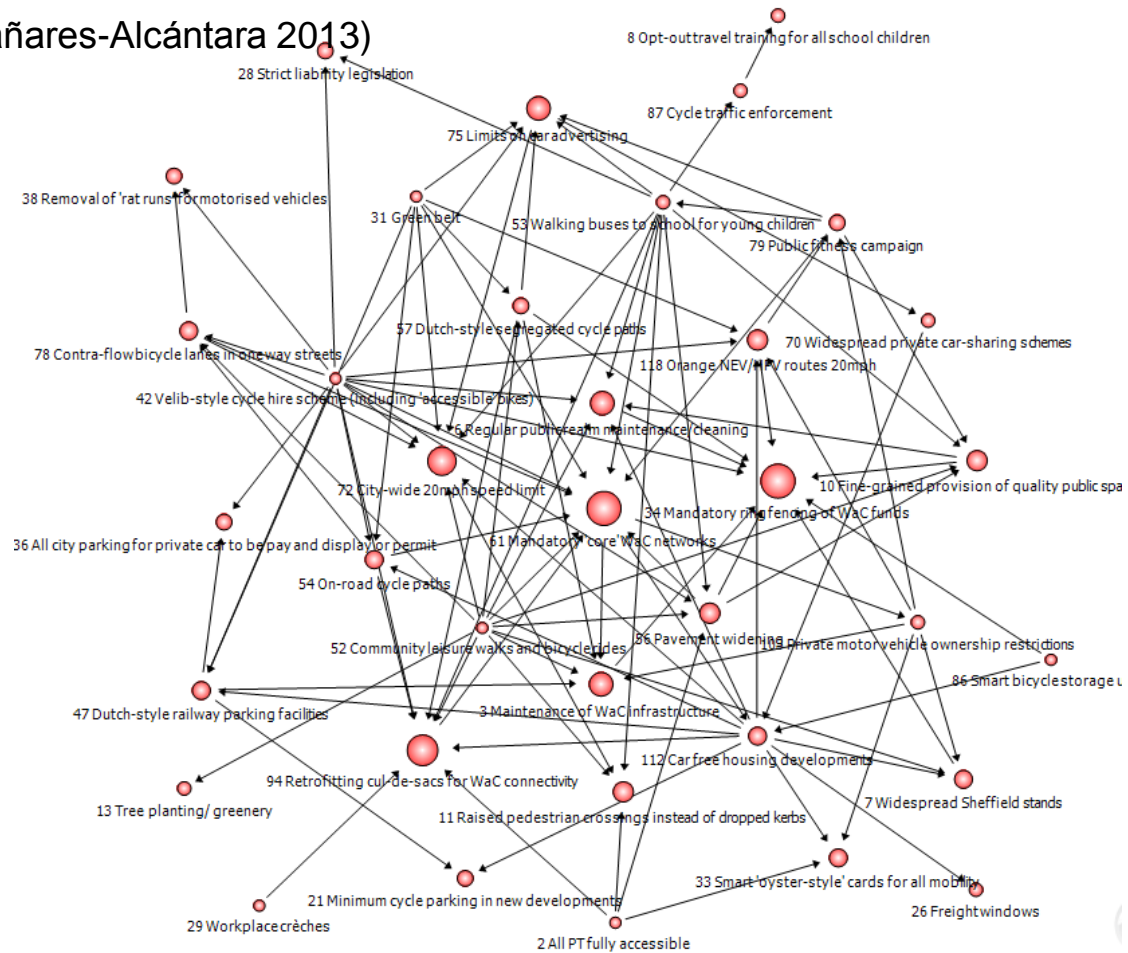
PC – Potential Contradiction



(policy measures') Network analysis

Visualization of Facilitation network

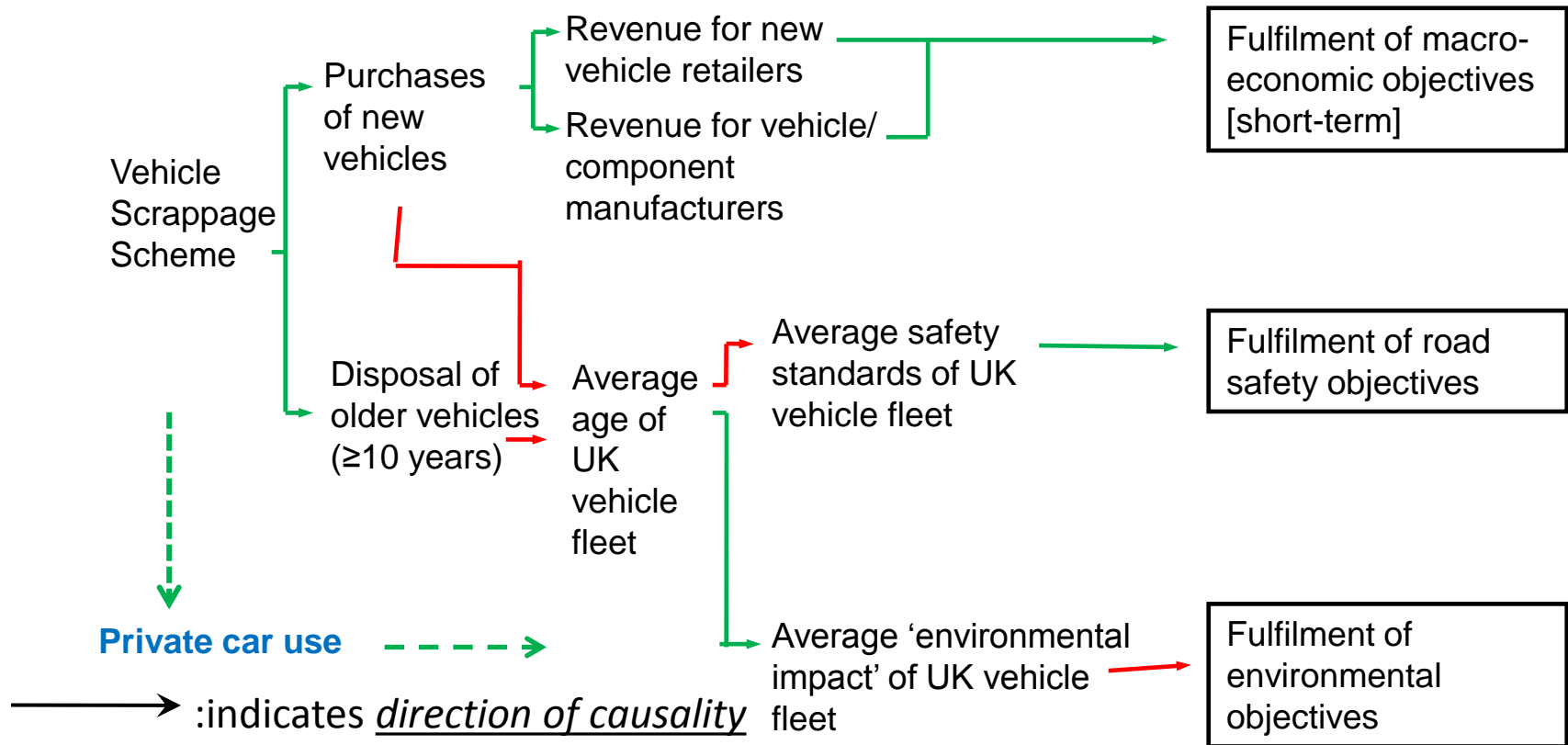
(Taeihagh, Givoni, Bañares-Alcántara 2013)



Policy Packaging: the methodology (and methods)

Towards the Effective package: Identifying un-intended effects

Causal mapping (measure => target/objective)



Green lines :indicate positive correlation

Red lines :indicate negative correlation

Policy Packaging: the methodology (and methods)

Towards the Viable package

- Mostly about “actors” (not instruments)
- Who needs to do what

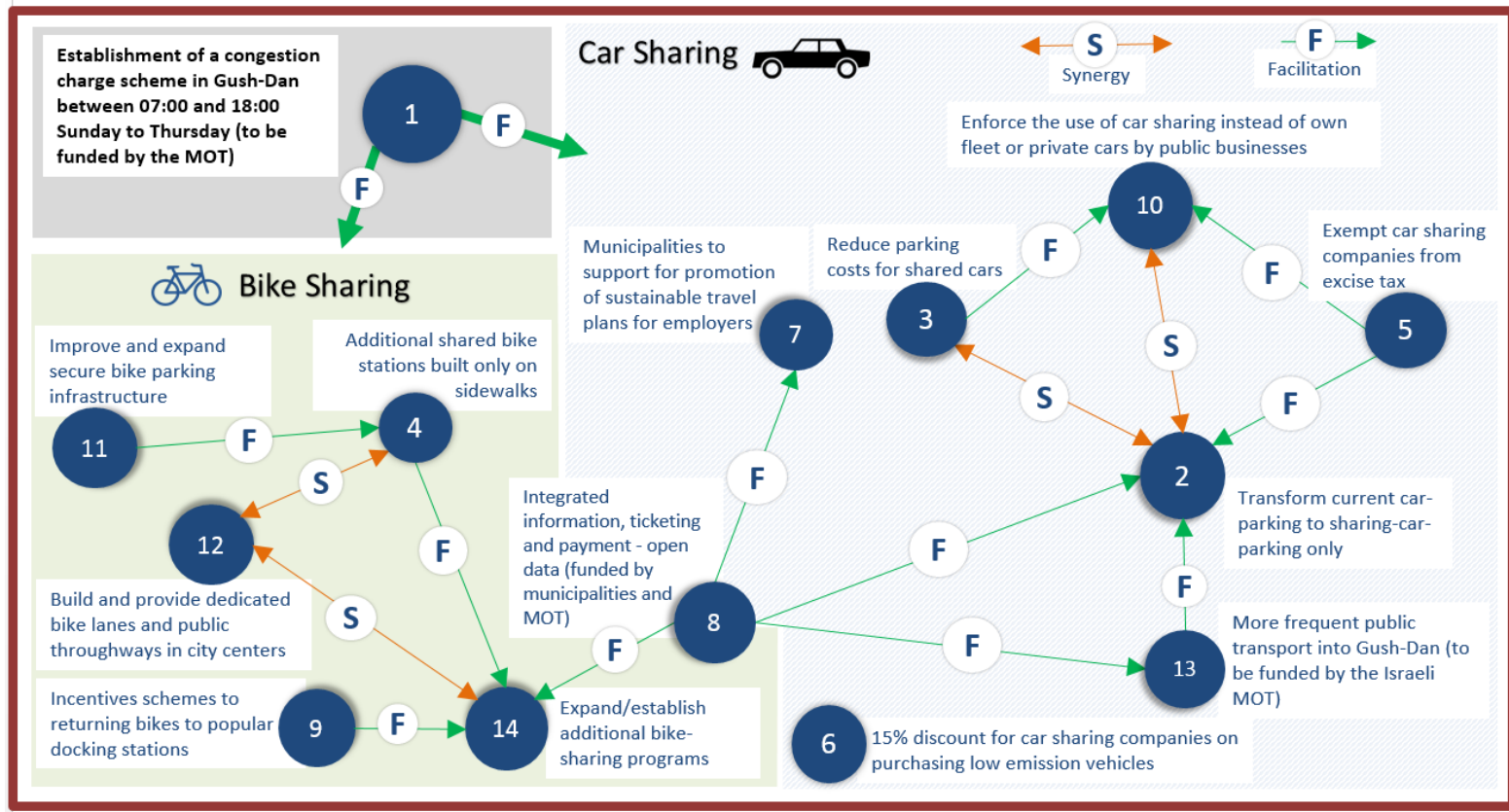
Two broad aims:

- Assess and address the **acceptability** of the policy package
- Assess and address **implementation barriers** other than acceptability

Comprises three tasks:

1. Assess distributional impacts and social acceptability
2. Examine package feasibility
3. Evaluate political acceptability

PP to increase 'Servicizing' in Transport (Tel-Aviv)



Main components: 1- Bike sharing; 2 – Car sharing 3 – ‘Integrated information’; 4 – Congestion charge



PP to increase 'Servicizing' in Transport (Helsinki)

12

12. Public businesses to use car sharing instead of own fleet or private cars

13

13. Private businesses: economic instruments (e.g. through lower VAT on shared mobility services)

6

6. Exempt car sharing from VED (vehicle excise duty) (affects everything)

19. **New Instrument:** Reducing the amount of kilometre allowance

4. Reduce *parking* costs for car pools and shared cars

1. Prohibit private car entry into the city centre at peak hours

2. **Revised Instrument:** Introduce congestion charging (reduced fee for car sharing)

3. Transform current car-parking to *sharing-car-parking* only

14. Improving and expanding secure bike park infrastructure

5. Additional shared bike stations built only on car parks

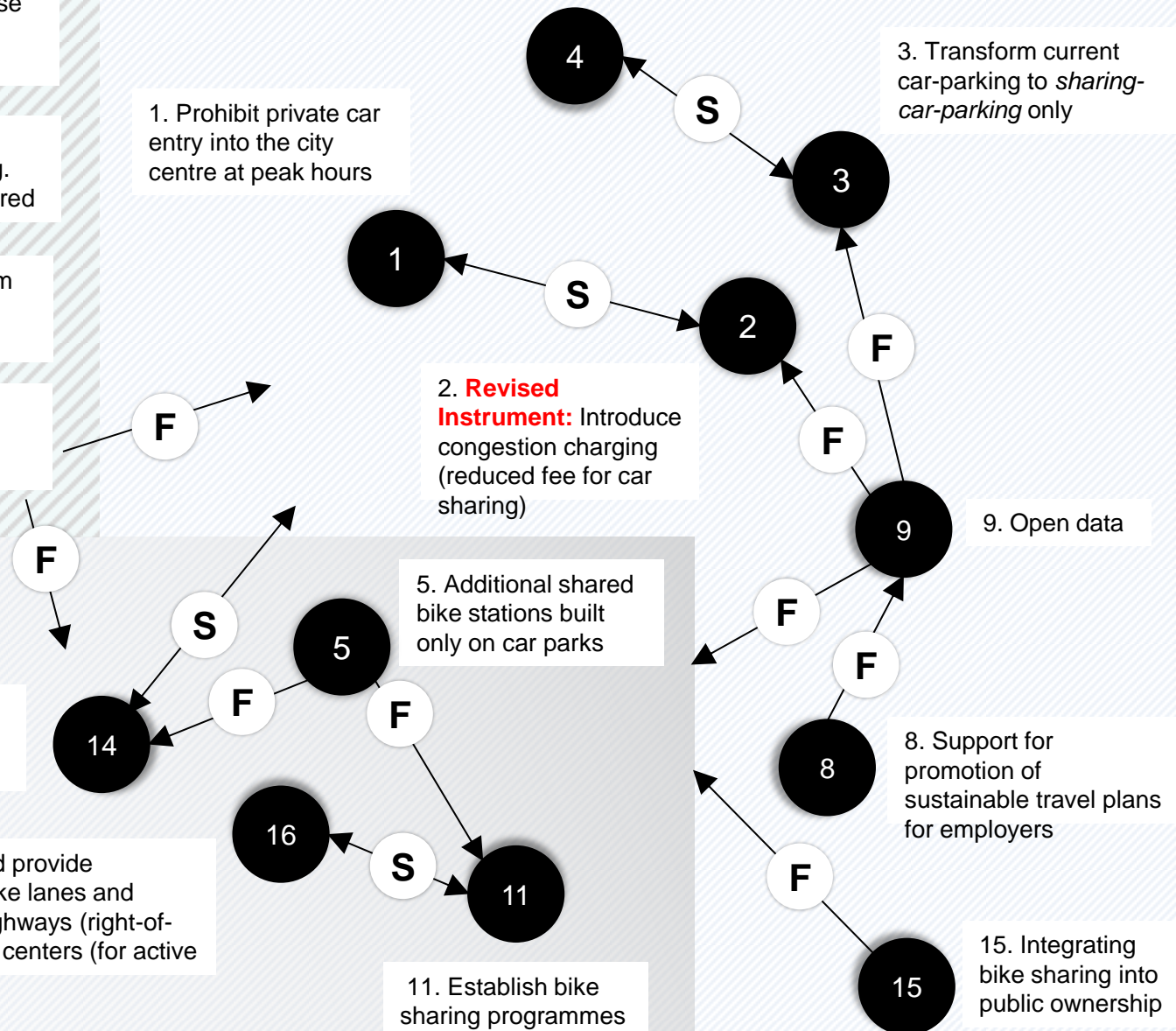
9. Open data

16. Build and provide dedicated bike lanes and public throughways (right-of-ways) in city centers (for active mobility)

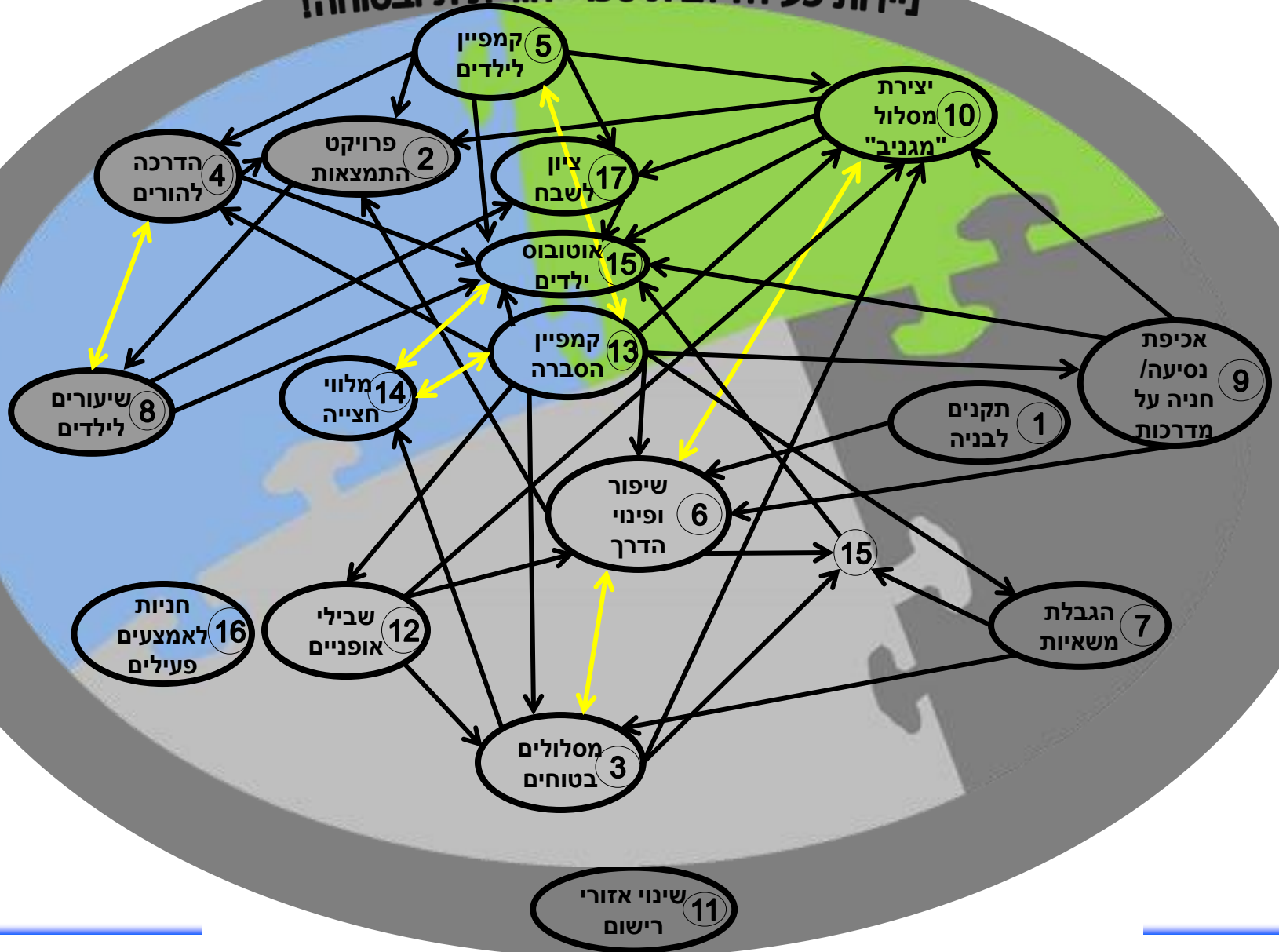
11. Establish bike sharing programmes

8. Support for promotion of sustainable travel plans for employers

15. Integrating bike sharing into public ownership



ניידות פעילה לבית ספר- חווייתית ו בטוחה!



קשר תמיכה ←
קשר סינרגיה ↔

חקיקה

תשתיות

חינוך

חוויה

What distinguishes a policy package from a list of policy measures?

1. The policy measures are considered (evaluated) together not only individually
2. The relations between policy measures are explicitly identified and accounted for
3. Implementability is duly considered – i.e. there is concern with efficiency
4. Efforts are dedicated to identifying and mitigating unintended effects

When a Policy Package is needed?

When a wicked problem has been identified!

| Characteristics of wicked problems | Characteristics of policy packages |
|--|---|
| Wicked problems cannot be understood until a solution has been developed | Policy packages cannot be really assessed until implemented |
| Wicked problems have no stopping rules | Policy packaging have no stopping rules |
| Solutions to wicked problems are not right or wrong they are better or worse | Policy packages are not right or wrong they are better or worse |
| Every wicked problem is essentially unique and novel | Every policy package is essentially unique and novel |
| Every solution to a wicked problem is a one-shot operation | Every policy package is a one-shot (but long and dynamic) implementation operation |
| Wicked problems have no given alternative solutions | A specific policy package have no clear alternatives (but countless variations of it) |

(Givoni, 2014)

Is Policy Packaging Practical?

To really advance policy packaging it needs to be tested in the field, in actual policy making, there is no real alternative.

Mixed evidence so far..

"explain in simple words what is PP and what is its main aim?"

Explanation of PP*

"a more holistic approach to understand how policy should be...created, in order to achieve the most successful effect..."

"a standard, a protocol to develop or to formulate a set of measures that are aimed at achieving a specific goal and it is formed by a whole set of steps so it has to put in order the different measures and to set priorities between ones and others.."

"a collection of policy measures that work together more effectively than if they would be used one at a time, so they can enhance their effect" (then also mentioned the need to avoid implementing contradictory measures)

"a group of measures you should implement"

* Interviews with members of the SPREE project



Policy Packaging

Conclusions (so far):

- A policy package is more a notion than a precise product
- A notion perused with a clear step-by-step guidelines
- The process is more important than the outcome (it can't be sourced out to, for example, consultants)

Questions (that intrigues me):

- Is “Policy Packaging” different from “Policy Mixes”?
- Can policy packaging assist in, contribute to a socio-technical transition (to Low Carbon Mobility)?

Thank you!

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Key references:

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