



What role for biofuels in sustainable urban mobility

BREAKFAST AT SUSTAINABILITY'S

Per Godfroij
Senternovem



www.biofuel-cities.eu

SenterNovem

exergia



NEN



ICLEI
Local
Governments
for Sustainability

Senternovem

- Biofuels Team (GAVE)
- Supporting the Dutch government
 - Transpose directives into national legislation, sustainability of biomass/biofuels, indirect effects, standardisation/certification, etc.
- EU funded projects

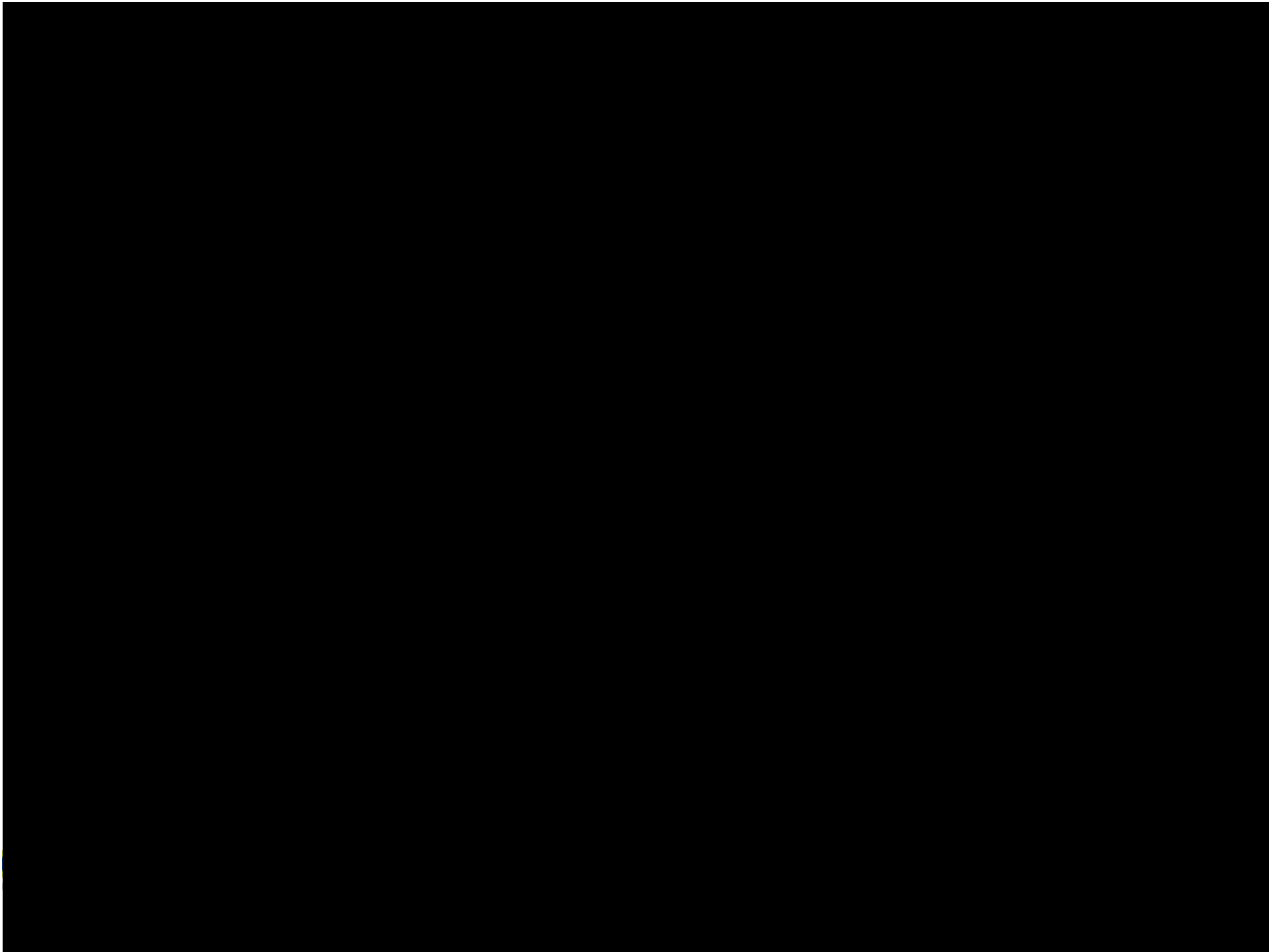


Senternovem

2010: new organization and new name

- Agentschap NL a fusion of:
 - Senternovem
 - Agency for business and cooperation (EVD)
 - NL patent agency (octrooibureau)
- But, we will do the same work!

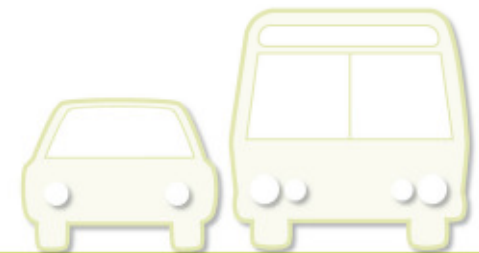




Today's topic



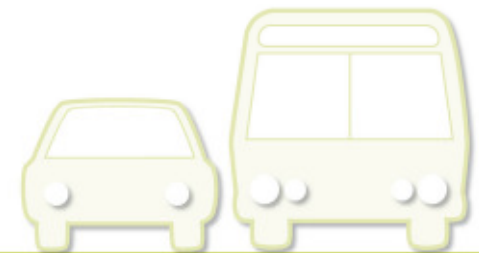
What role for biofuels in sustainable urban mobility?



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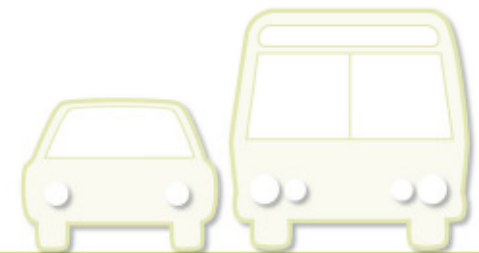
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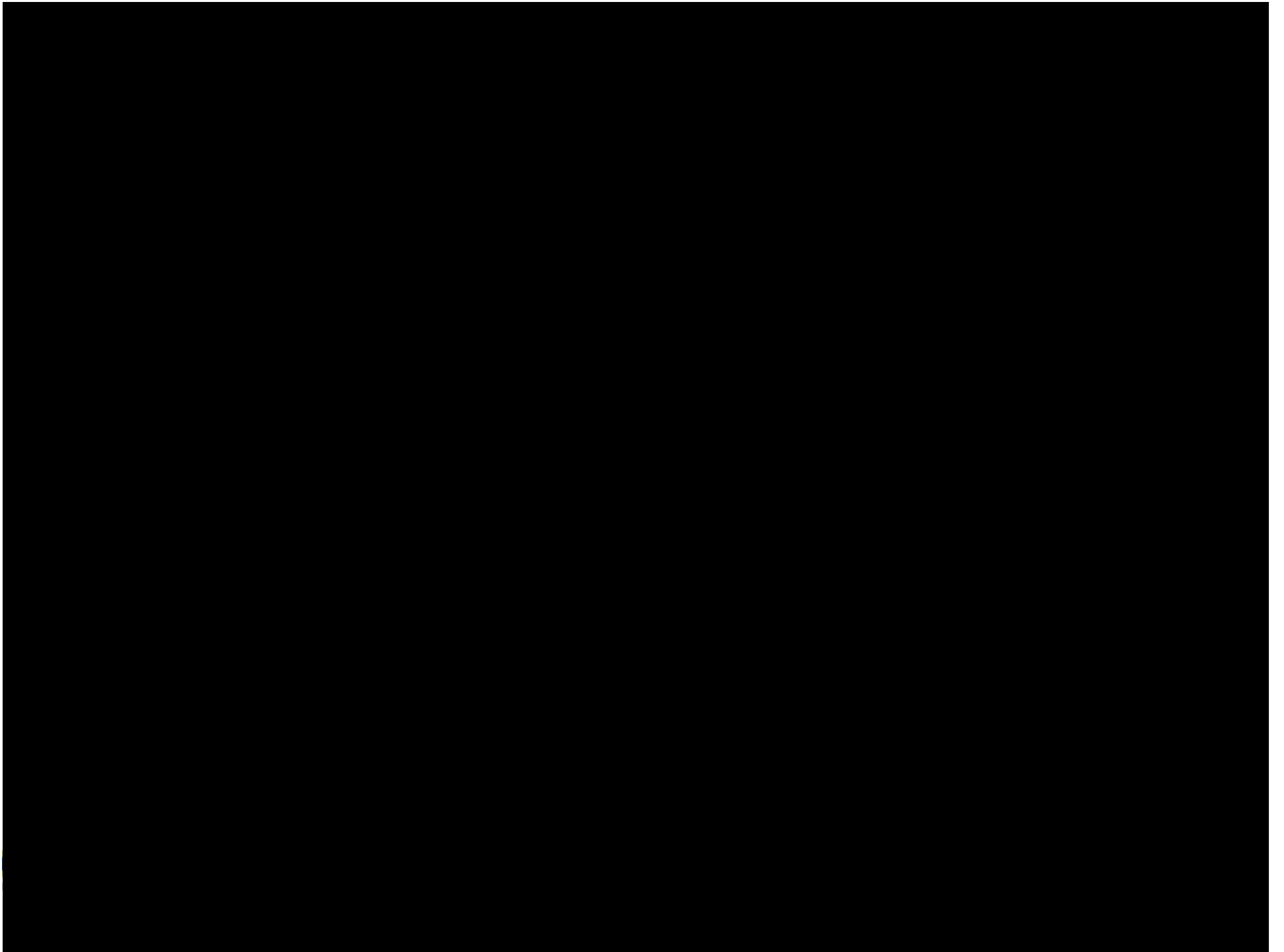


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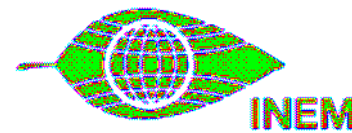
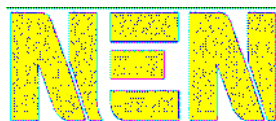
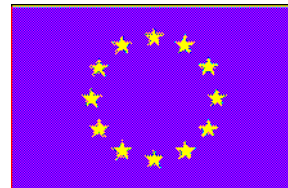
Biofuel Cities



- Intro to Biofuel Cities
- Policy handbook
- Procurement guide



The European Partnership is brought to you by..



www.biofuel-cities.eu



Biofuel Cities is ...

- **An EU funded project**



- **A partnership for adoption of biofuels with focus on:**

- **Providing information**

- **Organising activities**

- **Bringing people together**

- **Free to use for all stakeholders**

Project database
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Networking corner
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Biofuel Cities - Project Headquarters Map

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Biofuel Cities - Project Headquarters Map

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OIL!
OIL! Fueling Stations Network
OIL! Fueling Stations Ltd. (OIL! Tankstellen GmbH)
20459 Hamburg
Germany

[>> To project view](#)

Map navigation controls: Kaart, Satelliet, Beide. Map labels include: Göteborg, Hjerring, Kungsbacka, Frederiksbavn, Kalmar, Hamburg, Lübeck, Szczecin, Berlin, Hannover, Wolfsburg, Potsdam, Osnabrück, Ennschede, Bremen, Hamburg (Denburg), Am, Sverige, Norge, United Kingdom, Polska, Deutschland.



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View project [ID: 211]

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OIL!

OIL! Fueling Stations Network

Abstract:

The OIL! Tankstellen GmbH offers bioethanol85. The OIL! Tankstellen GmbH is the first supraregional company of filling stations in Gernany offering bioethanol 85 at ist filling stations.

>> www.oil-tankstellen.de

Project relevant for:

Europe

Project location:

Admiralitätsstr.55
20459 Hamburg
Germany

>> [View in project location map](#)

Project type:

- Commercial operation

Duration:

1994 - ongoing

Status:

In operation, ongoing

Project lead organisation:

OIL! Fueling Stations Ltd. (OIL! Tankstellen GmbH)

Project partner(s):

CropEnergies AG

Main project language(s):

- German

Further project language(s):

- English

Project Purpose(s): Contribution to biofuel chain

Biofuel transport, storage, distribution, dispensing:

Biofuel:

- Bioethanol (hydrous / contains water)

Fuel supplier: CropEnergies AG

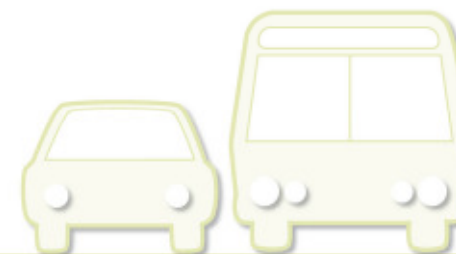
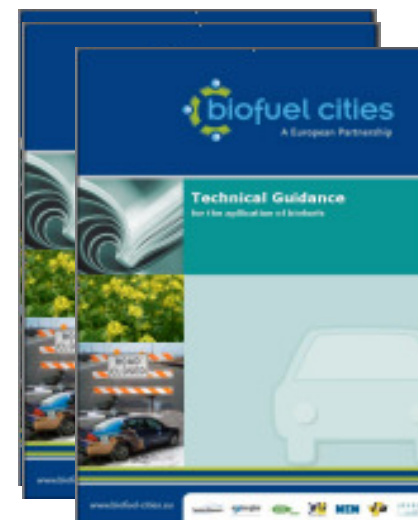
Origin country: Germany

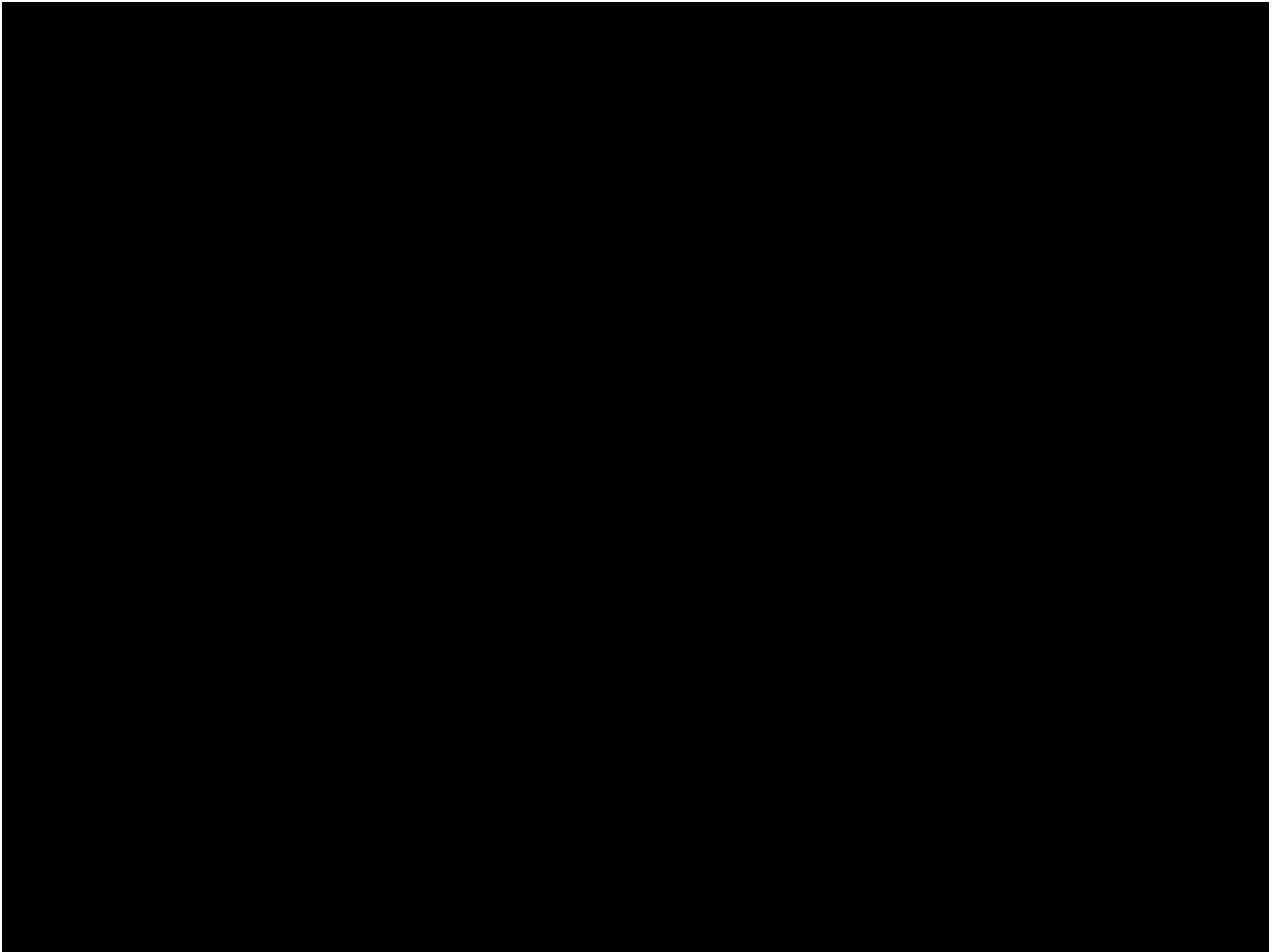
Biofuel Cities products



Reports

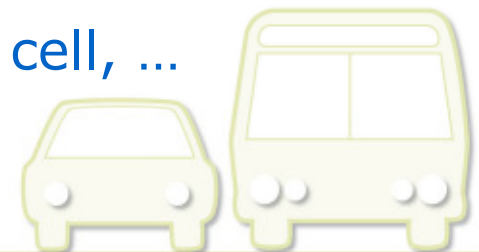
- Technical Guidance
- Study on vehicle warranty
- **Policy Handbook**
- **Procurement Guide**





What role for biofuels in sustainable urban mobility?

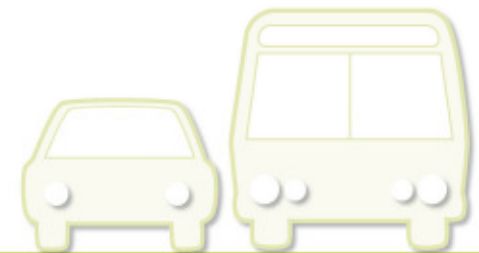
- Biofuels *a* solution, not *the* solution
- Other alternative fuels: hydrogen, electricity, natural gas, ...
- New technologies: fuel efficient, hybrids, fuel cell, ...



Urban mobility

What role for biofuels in sustainable urban mobility?

- Local application
- Governmental / captive fleets
- High blends of biofuels



Local opportunities

National government	Local government
Mainstream market	High blends
Obligations	Local feedstock
Fiscal incentives	Launching customer
Subsidies	Subsidies
	Local air quality
	Close to market
	Technology pull / innovation
	Procurement
	Visibility and exposure



Policy Handbook & Procurement Guide

Lessons learned:

- Good preparation
- Good market conditions



Preparation

- Identify clear long-term targets
- Define clean vehicles and sustainable biofuels
- Publicize political consensus on biofuels
- Raise awareness on biofuels



Market conditions

- Joint procurement of biofuelled transport
- Long-term contracts
- Producing biofuels locally
- City twinning

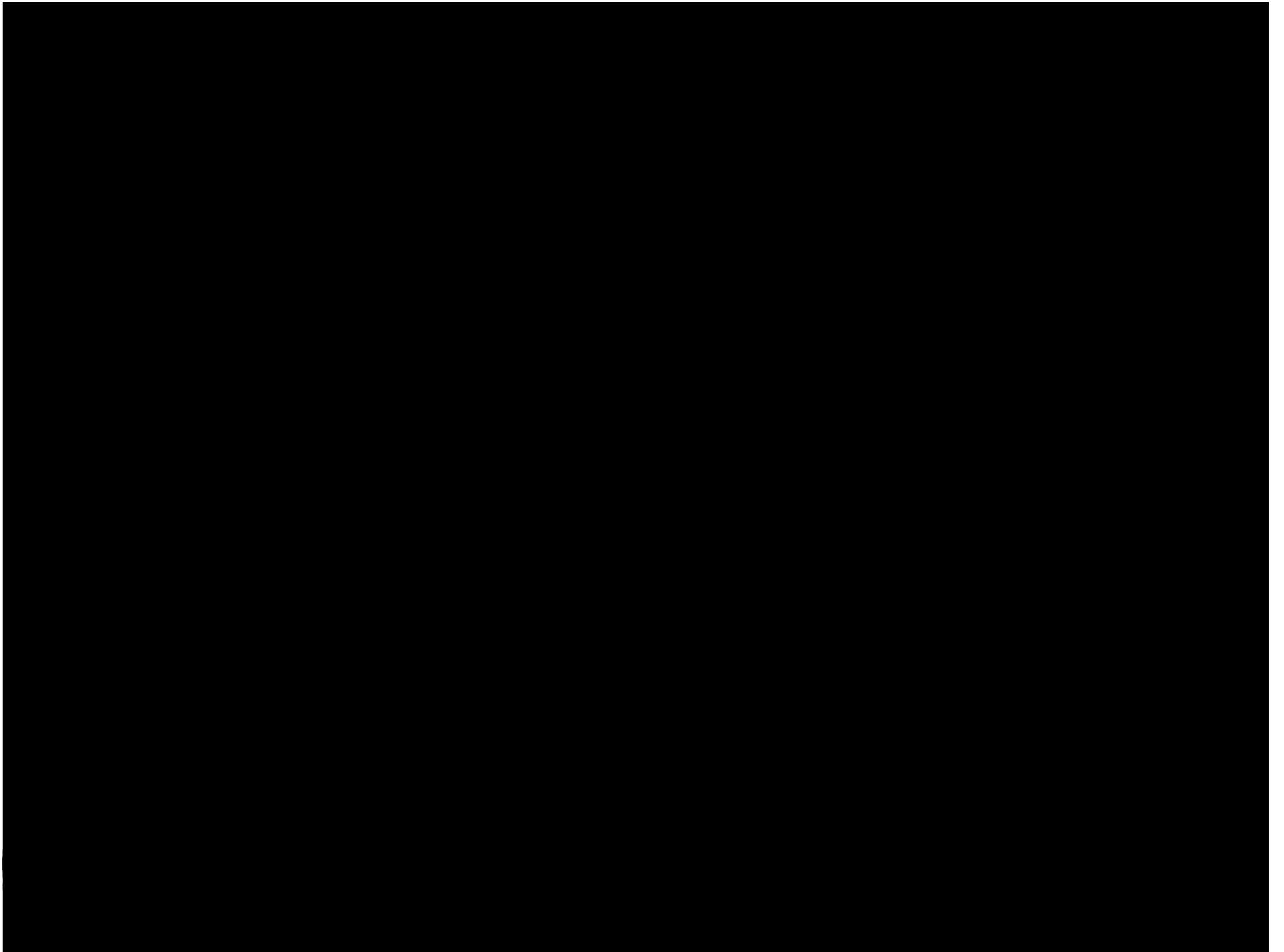


Complementary activities

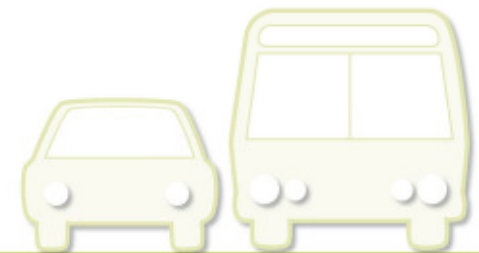


- Free parking or priority parking for “clean” vehicles
- Special “priority” lanes for clean taxis
- Free entrance or access to low emission zones
- Test fleets



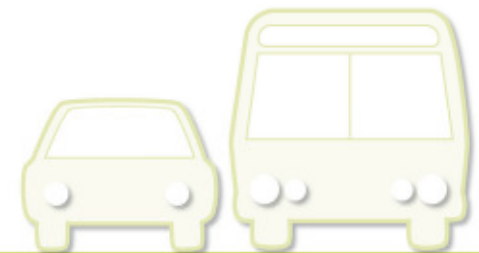


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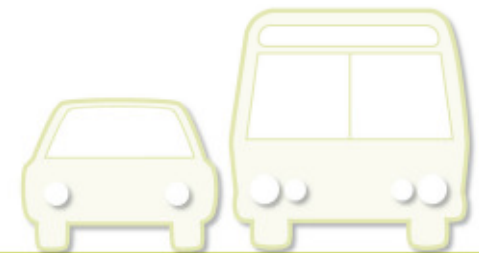
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What could / should be the role of
local governments?



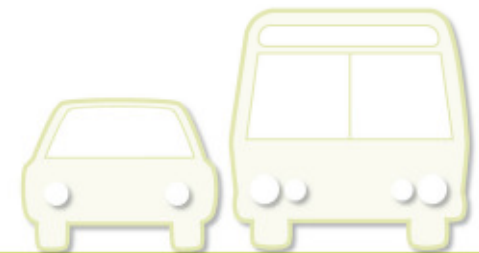
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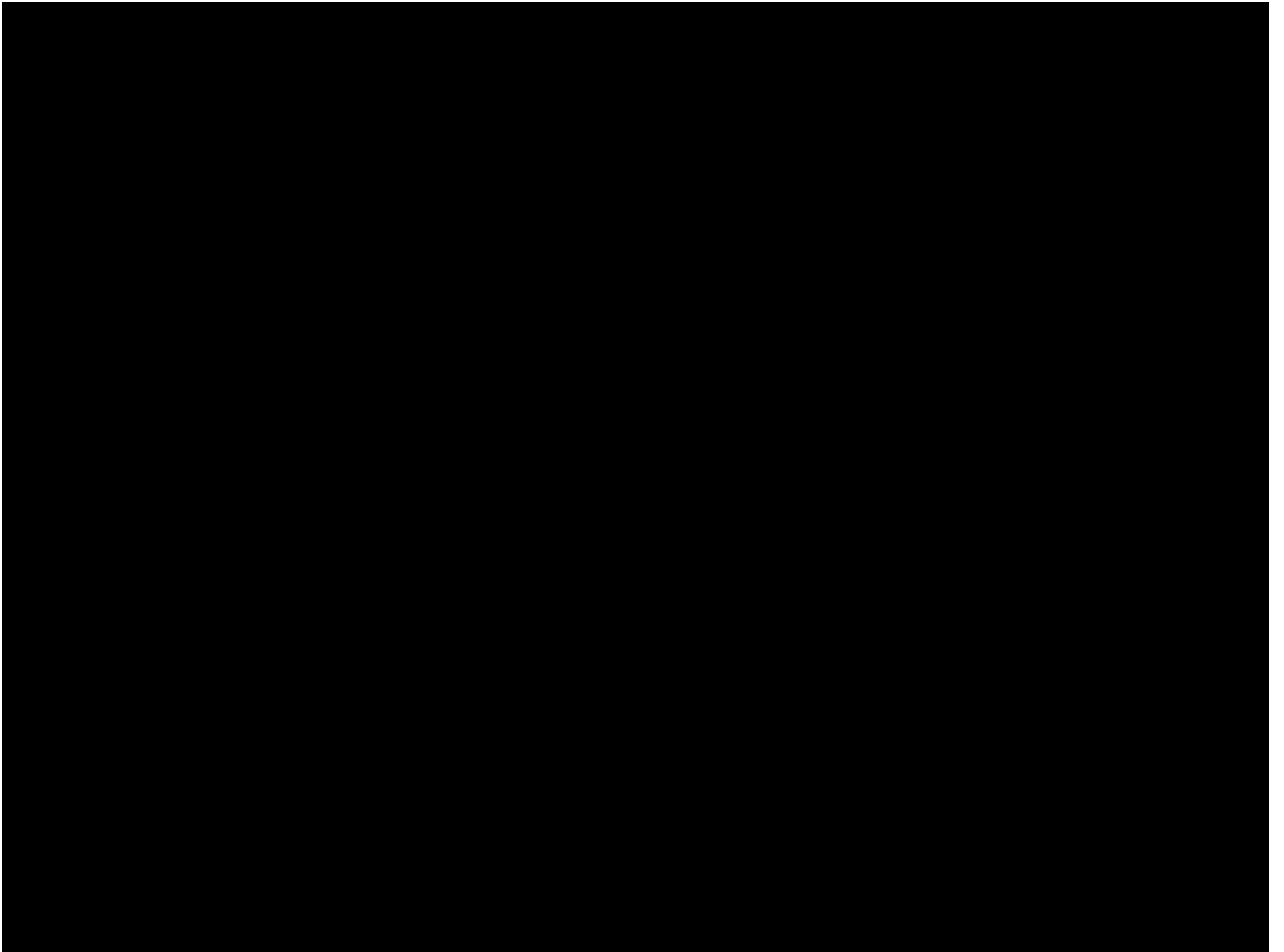
Should it be biofuels or something
else?



What role for biofuels in sustainable
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What difficulties are encountered by
local governments?

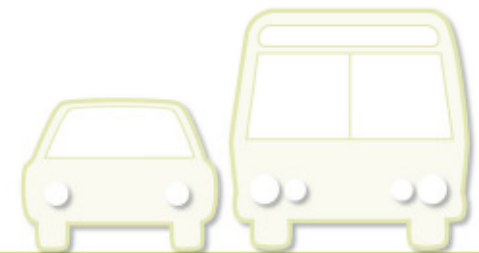


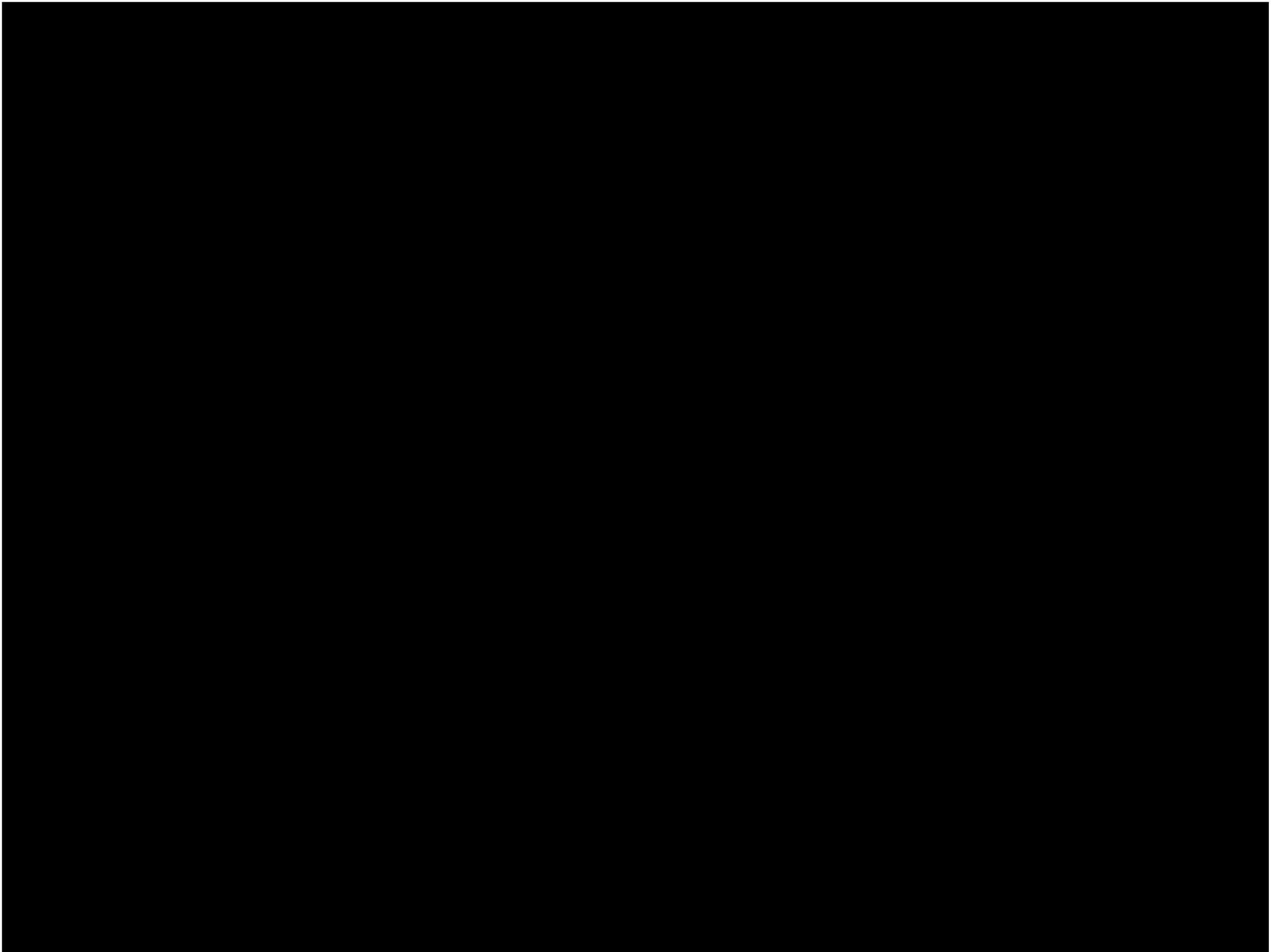


Presentations



- **Claude Turmes**, MEP, Vice President of the Green Group in the European Parliament
- **Ulf Hafselid**, Clean Energy Partnership (CEP), StatoilHydro ASA
- **Jonas Ericson**, Env & Health Adm. City of Stockholm
Good practice: Stockholm City – Clean Vehicles in Stockholm





Project and partners

European project “Biofuel Cities” or CAB-CEP

- Coordinated action project, July 2006 to June 2009
- Funded by the EU Sixth Research Framework Programme under the Activity “Alternative Motor Fuels: Biofuel Cities”
- Seven project partners

Acknowledgement

- The European Commission is acknowledged for financial support

