

# ***On the Train Towards the Future!***

Sustainable, complementary and appropriate mobility in & in-between carfree communities

## ***MMU - Methane Multiple Unit for Poland***

### **What:**

New, low-floor, modern railbus, the Kolzam RegioVan 211M, using one gas engine. Methane source is biogas and/or waste methane from coal mining processing and closed mines, supplemented by natural gas as necessary.

This vehicle is light enough that even with gas storage equipment it could still have adequate acceleration and top speed suitable for regional rail lines it will be used on.

### **Why:**

2012 Diesel emissions limits (Stage IIb) require technology exceeding what is currently available, including, for example, newest engines with particle filter used in latest Alstom LINT DMU.

Oil and natural gas prices unpredictable (at best), during second life of vehicle

Citizens of region responsible for their own mobility choices and energy sources



### **More:**

Technology based on working Swedish biogas train

“Re-opening” of closed coal mines has symbolic and of course ecological value

Biogas could also be used for local buses, delivery vehicles, carshare cars...



Project partners



Media partner



Communications partner

[www.worldcarfree.net/onthetrain](http://www.worldcarfree.net/onthetrain)

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# ***Local trains, local fuel, local management/ownership!***