hyMod, the electric hybrid

We've recently introduced in the category of city electric small cars a Danish competitor. Let's now continue this with a Romanian concept, which can be converted into a hybrid at home. And back. And back again. Can you follow me?

While the famous international car factories approach the themes and problems of the alternative drive at the same time with determined, but relatively careful steps, the smaller developing companies bring out such a colourful palette of mostly marketable seeming ideas, that we can hardly follow. The SCI created from the three Romanian engineers could had been built upon the childish desire sleeping in every grown-up, when they
created that hybrid, which we can also play lego with. Indeed, it's almost obligatory.

The name of hyMod refers to that we have to do with a modulare hybrid solution. Do you understand, don't you? There's a vehicle given, of which front wheels are powered by an electric engine. This engine was placed in the front of the car, it's a logical step. In the middle of the vehicle, at the bottom the fix battery can be found – there'll be also a moveable one, a little bit further back. As the invention hints mostly at the rear part, two things can appear here. In case of electric mode more batteries, in case of hybrid mode a combustion engine can appear, furthermore such relating spare parts, like the tank, the cooler and other supplementaries.

According to the conception of the designing engineers lots of „hyMod Stations” would serve the change of the „packages” filling the boot, which could the owner change depending on that for what he's going to currently
use the vehicle for. With the clean electric drive – in case of which the fix (middle) battery has an assistant function – a 130 km/h end speed and a 180 km range can be reached beside an acceleration value of 18 seconds. In the hybrid version the top speed is 170 km/h, the range can be even 620 km, and the acceleration reaches the limit of 10 secs.
hy mod Station

BATTERY PACK

ENGINE PACK
The power of the by itself 82 HP strong combustion engine with the advantages of the hybrid drive increases to nearly about 150 HP, but without it we can cruise clearly greenly with 65 HP, and even the news about the increasing fuel prices can't give cause for annoyance.

About the design of the vehicle the creators sing odes, but it's enough if we state so much: they managed to form the body exactly like that it can be clearly seen on it, this is surely a concept car. The cargo space – logically – is placed in the front, which may awake a nostalgic mood not only in the former Skoda 120 owners.

So the result is a theoretically multifunctionally alternative one - spaced small car capable to carry even six persons. But only therefore theoretically, because the practice hasn't still proved this, and it may not do, that
how capable of life is the drivepackage – swapping invention. We would bet on that that there will only a few hyMods wink at us on the roads. Please, put in your stakes too!