

Volvo C30 plug-in hybrid concept: high-res pictures and specs

Posted Feb 1st 2007 9:42AM by [Dane Muldoon](#)

Filed under: [Diesel](#), [EV/Plug-in](#), [Hybrid](#), [Chevrolet](#), [Ford](#), [GM](#), [Volvo](#)



Click on the image for a gallery of high-res images of the Volvo C30 concept.

German auto website, [Autobild](#), [is reporting](#) that Volvo is working on a plug-in diesel-electric hybrid with a similar powertrain design to the [Chevy Volt concept](#) unveiled at the Detroit Motor Show in early January. Like GM's E-Flex platform, the C30 will be driven by electric motors which run off a battery pack with a range of 50 to 60 kilometres. Once the batteries run down, a diesel engine fires up to run a generator which in turn recharges the batteries. Additionally, the C30 will have plug-in capabilities for overnight charging.

Currently under development in Volvo's California development centre, the hybrid C30 is to be presented Autumn this year at the [Challenge Bibendum](#) international sustainable mobility event in Shanghai.

Diesel is renowned for its fuel efficiency when running at a constant rate, hence diesel vehicle's great fuel economy on the highway. Utilising a diesel engine as a range-extended for the on-board battery pack should yield exceptional diesel fuel efficiency as well as near-zero emissions for shorter trips which utilise the batteries only.

Analysis: This development appears to encompass all the excitement of the innovative E-Flex plug-in electric platform, matched with the practicality of a highly efficient diesel engine. Plus, while the C30 is still a concept car, it looks closer to production than the radical Volt. Volvo and Ford might steal GM's thunder yet.

Gallery: [Volvo C30 concept](#)



Related:

- [ABG POLL: Powertrain Technologies](#)
- [Detroit Auto Show: It's here. GM's plug-in hybrid is the Chevy Volt Concept](#)
- [GridWise sets aside four days in April to work on U.S. smart grid](#)

[Source: [Autobild.de](#)]

[Read](#) | [Permalink](#) | [Email this](#) | [Linking Blogs](#) | [Comments](#) [3]

Recent Posts

[California wants to settle green house gas lawsuit \(2/01/2007\)](#)

[Video of the Piaggio MP3, a three-wheel scooter, in action \(2/01/2007\)](#)

[Why wait? Order a smart fortwo now in Chicago from Windy City Smart Car \(2/01/2007\)](#)

AutoblogGreen Features

