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Алтернативни погони друмских возила

Хибридни и Електрични погон возила

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Partnership for Promotion and Popularization of Electrical Mobility through Transformation and Modernization of WB HEIs Study Programs/PELMOB
Call: ERASMUS-EDU-2022-CBHE-STRAND-2
Project Number: 101082860

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Перспективе примене алтернативних горива (ЕУ)

Assessment

Options with potential over the next 20 years

Only three options appear to have a volume potential of more than 5% fuel consumption. If **active policy** is decided to promote them, their **optimistic** development scenario is (% fuel consumption):

	Biofuel	Natural gas	Hydrogen	Total
2005	2			2
2010	6	2		8
2015	(7)	5	2	14
2020	(8)	10	5	(23)

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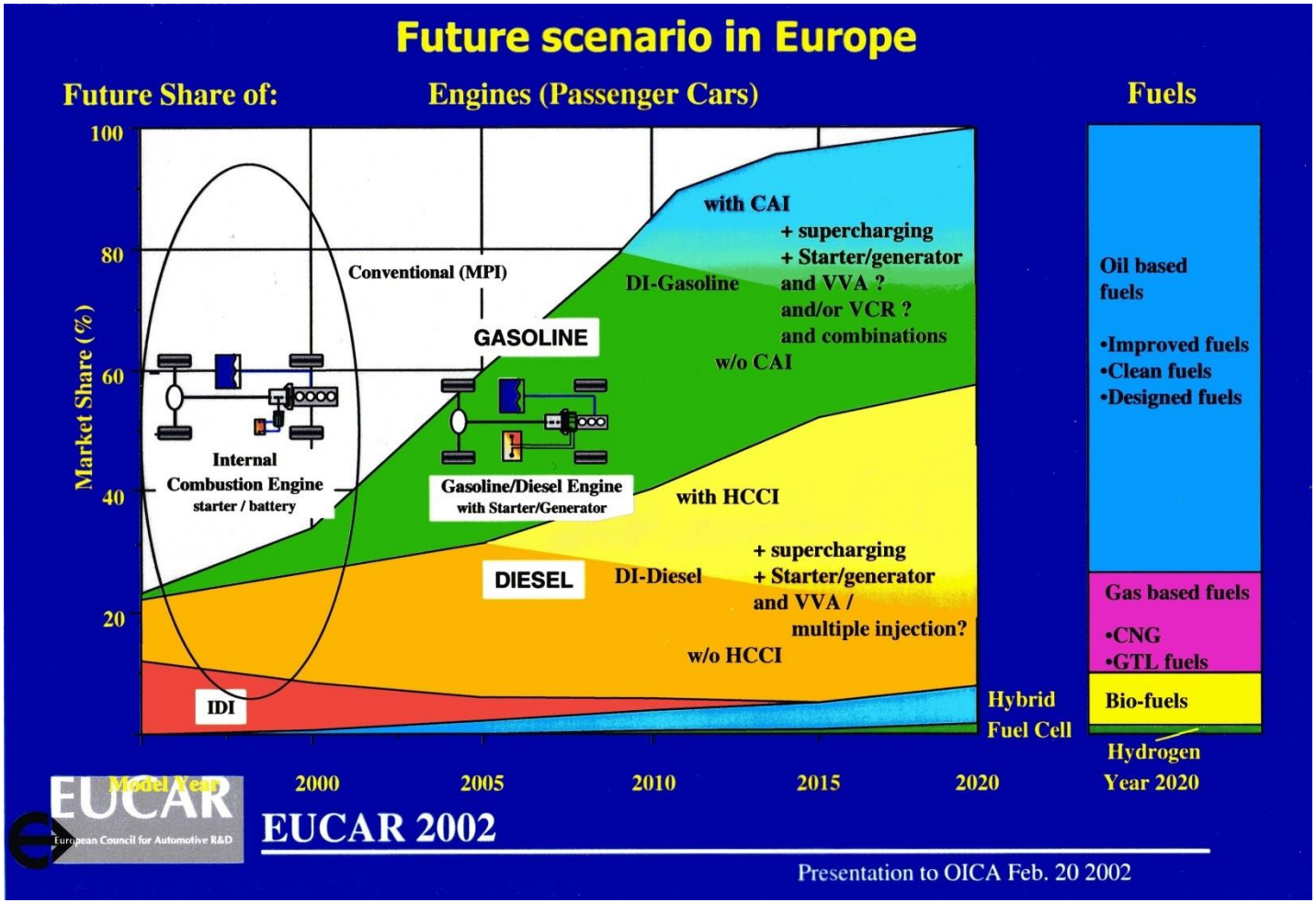
Перспектива примене алтернативних горива и погона



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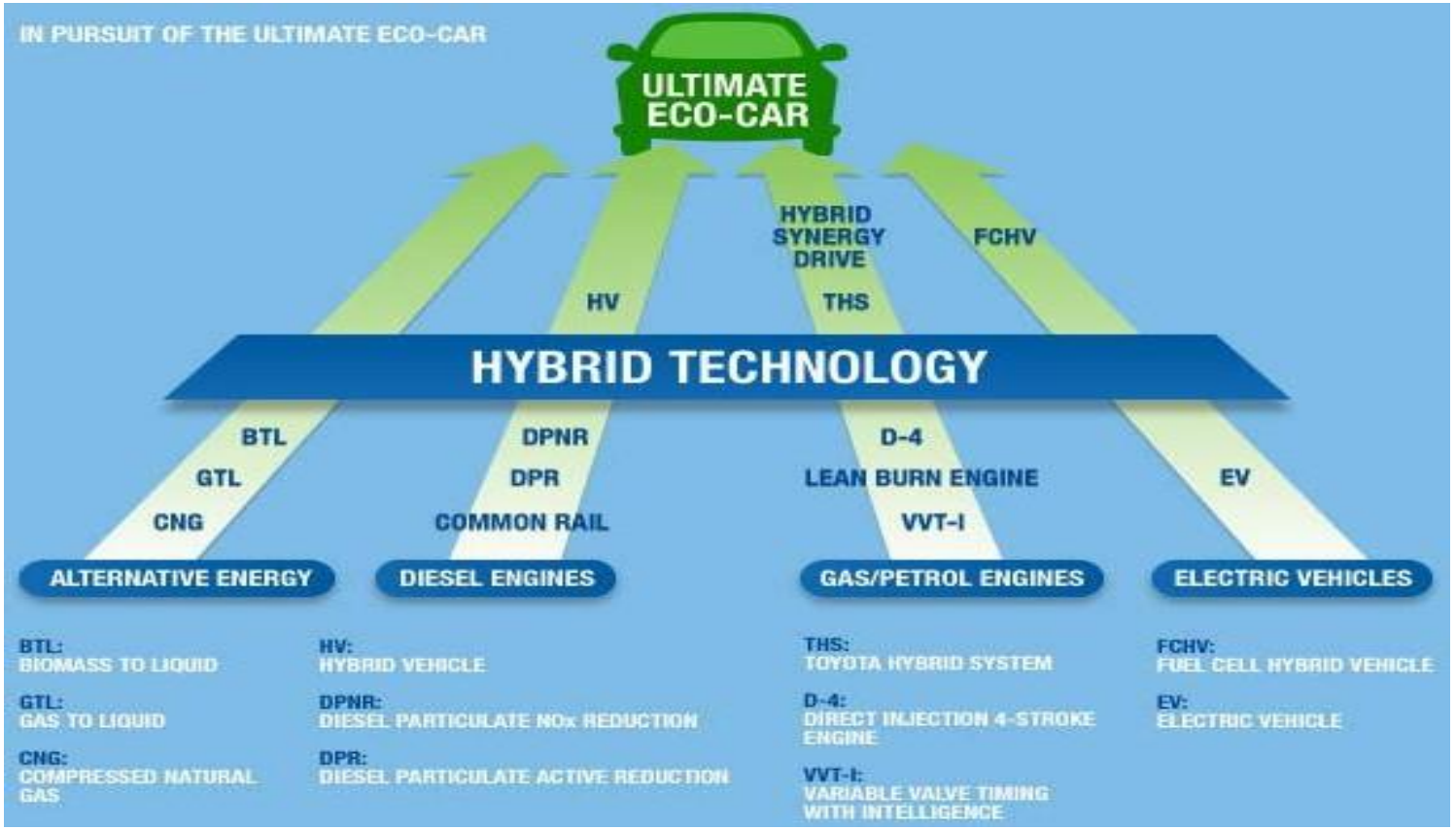
Хибридне технологије



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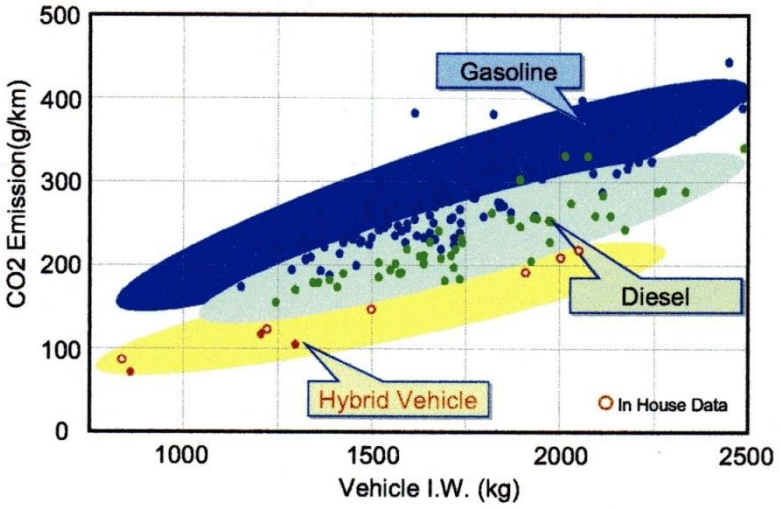
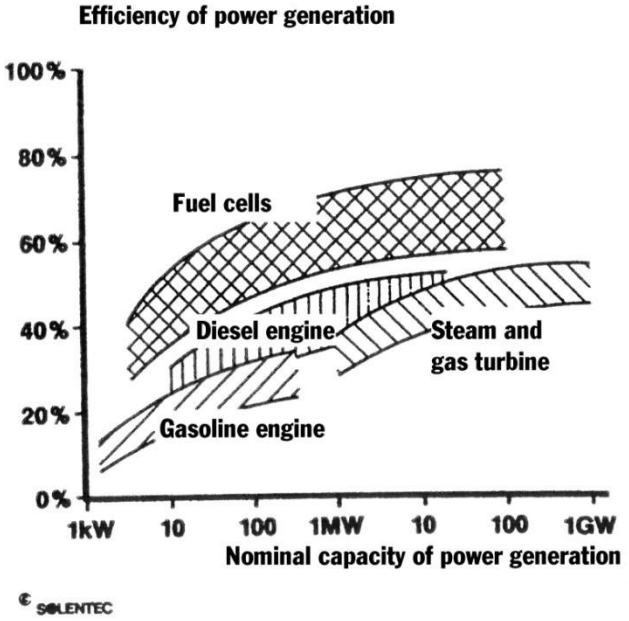
Еколошке и енергетске предности хибридних технолог.





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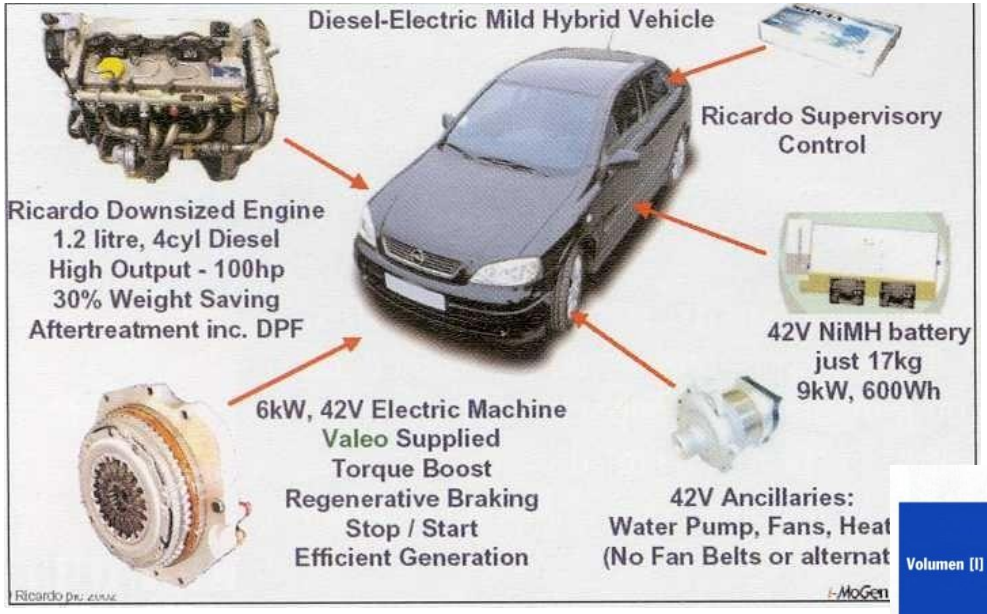
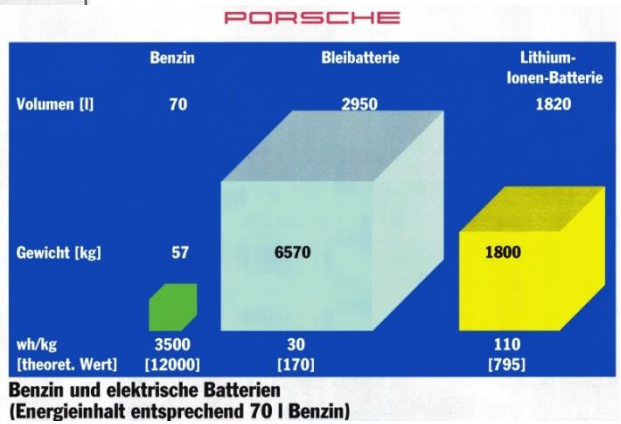
Полухибриди *(mild hybrid vehicles)*





Benzin und elektrische Batterien
(Energieinhalt entsprechend 70 l Benzin)

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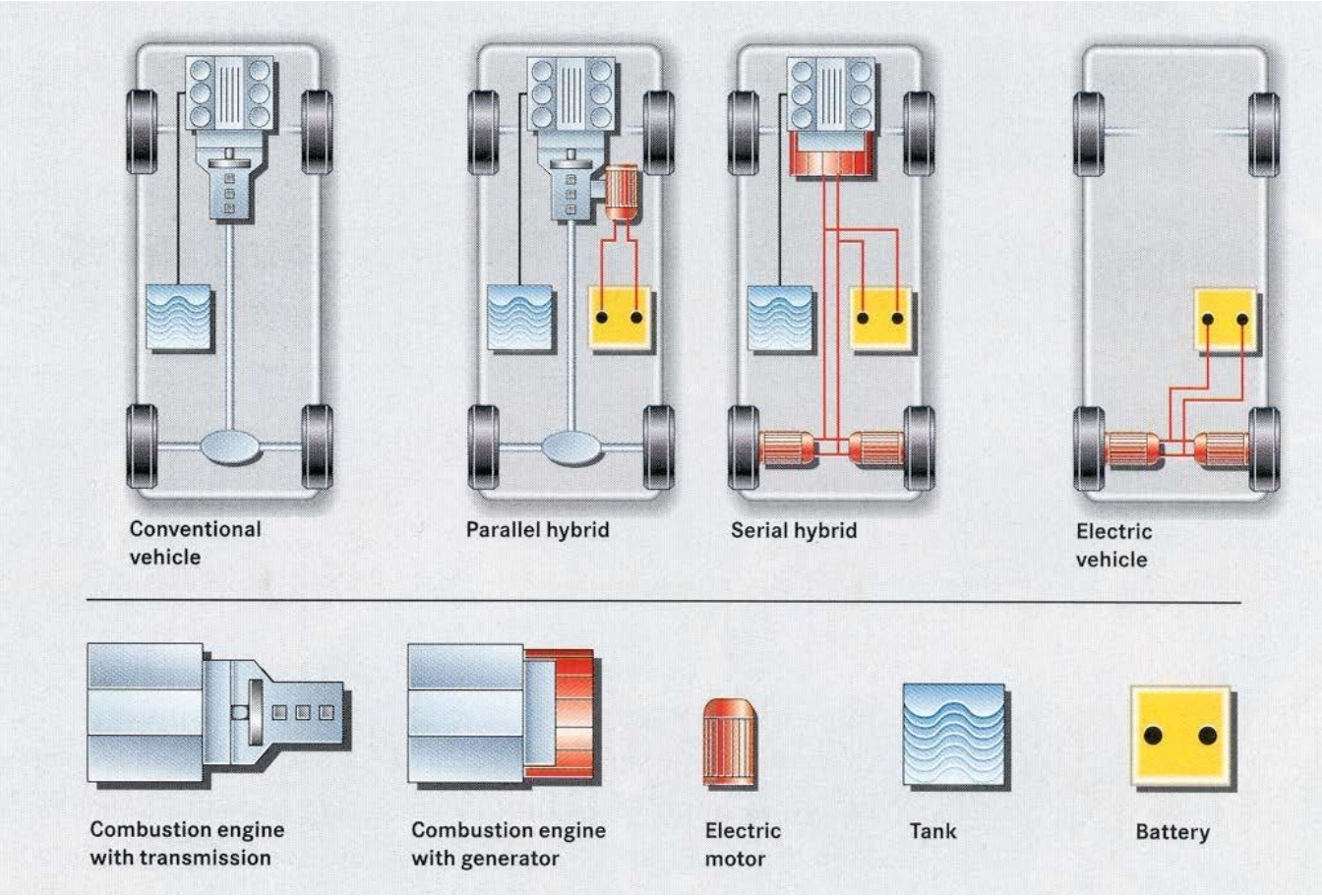
Алтернативни погони – конфигурације



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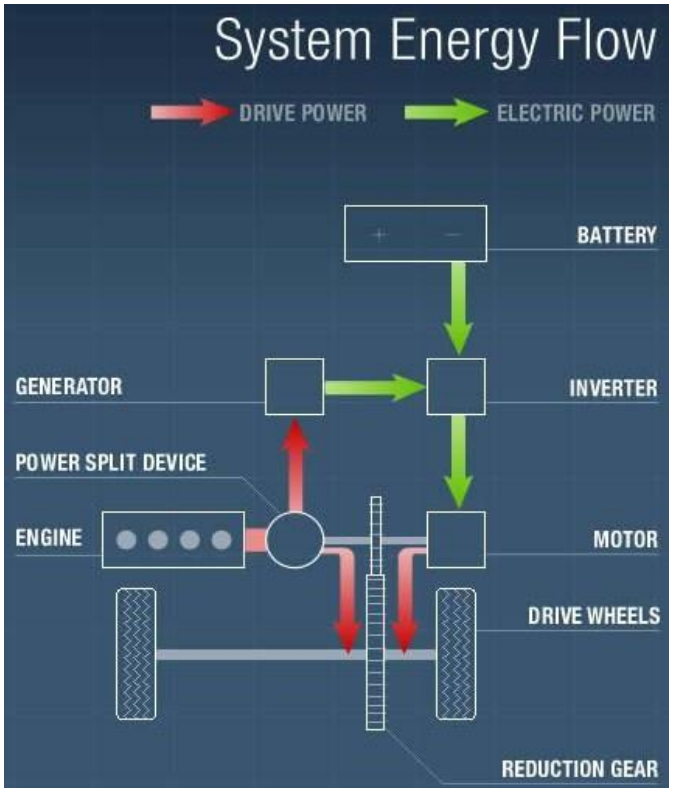
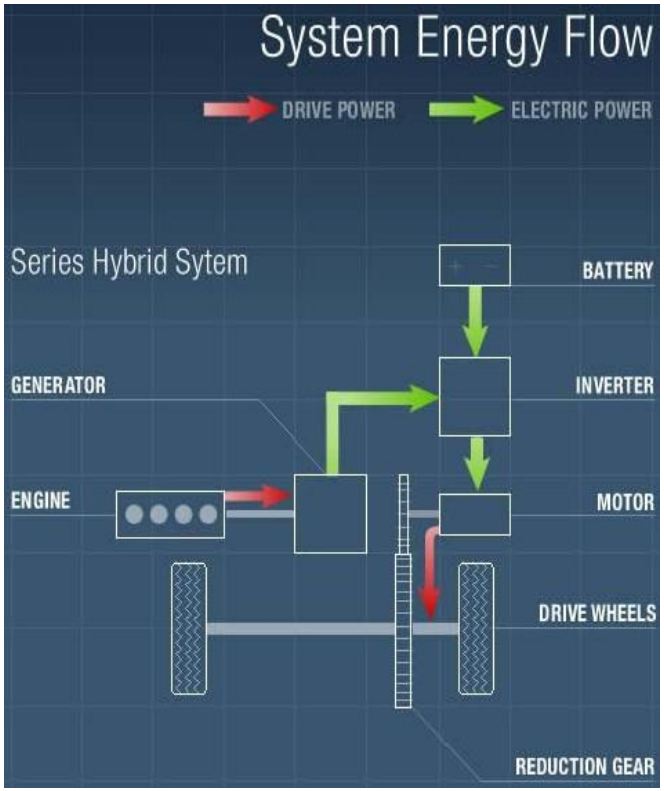
Хибридна возила – паралелни и серијски хибриди





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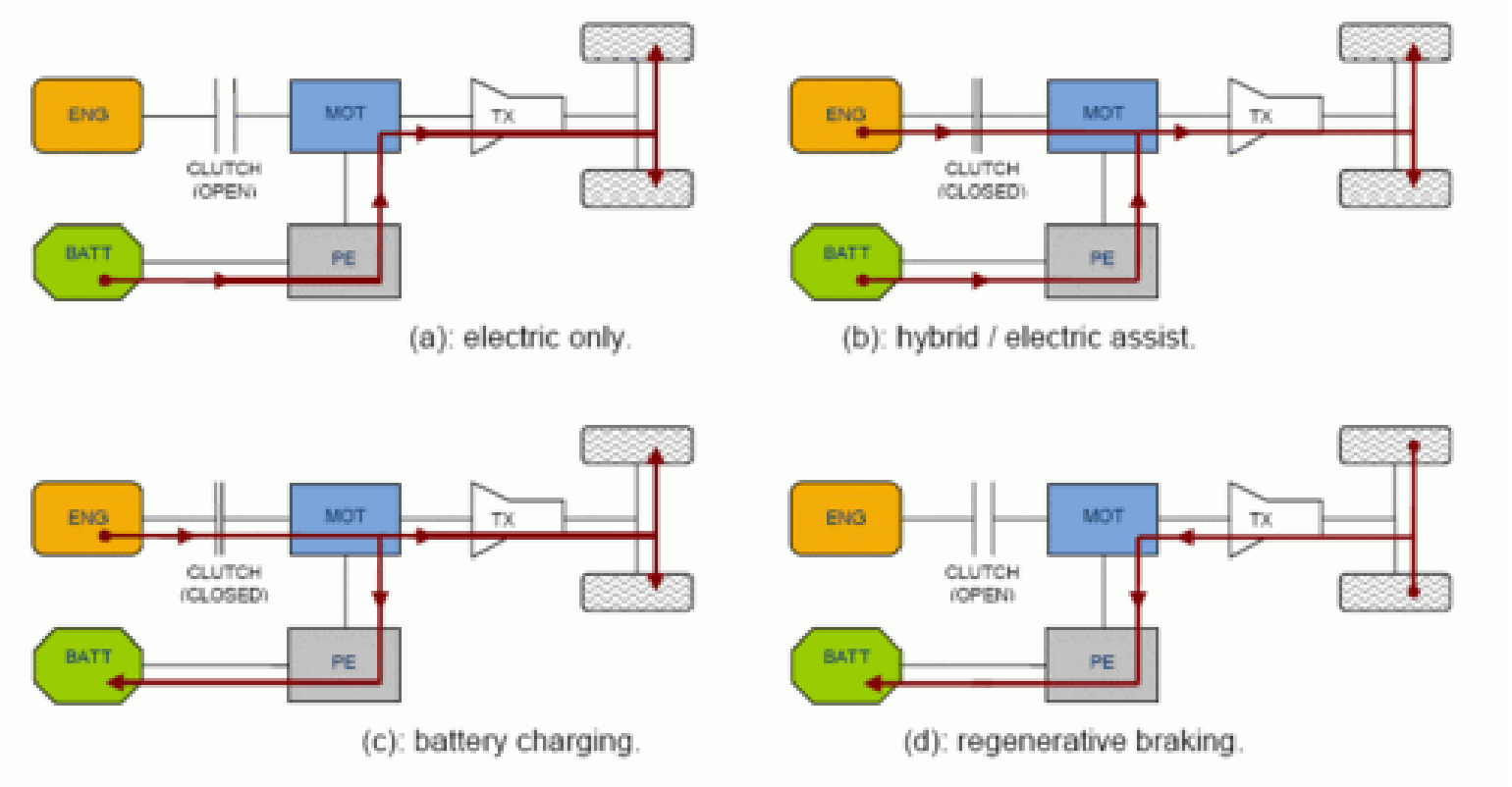
Режими рада паралелних хибрида



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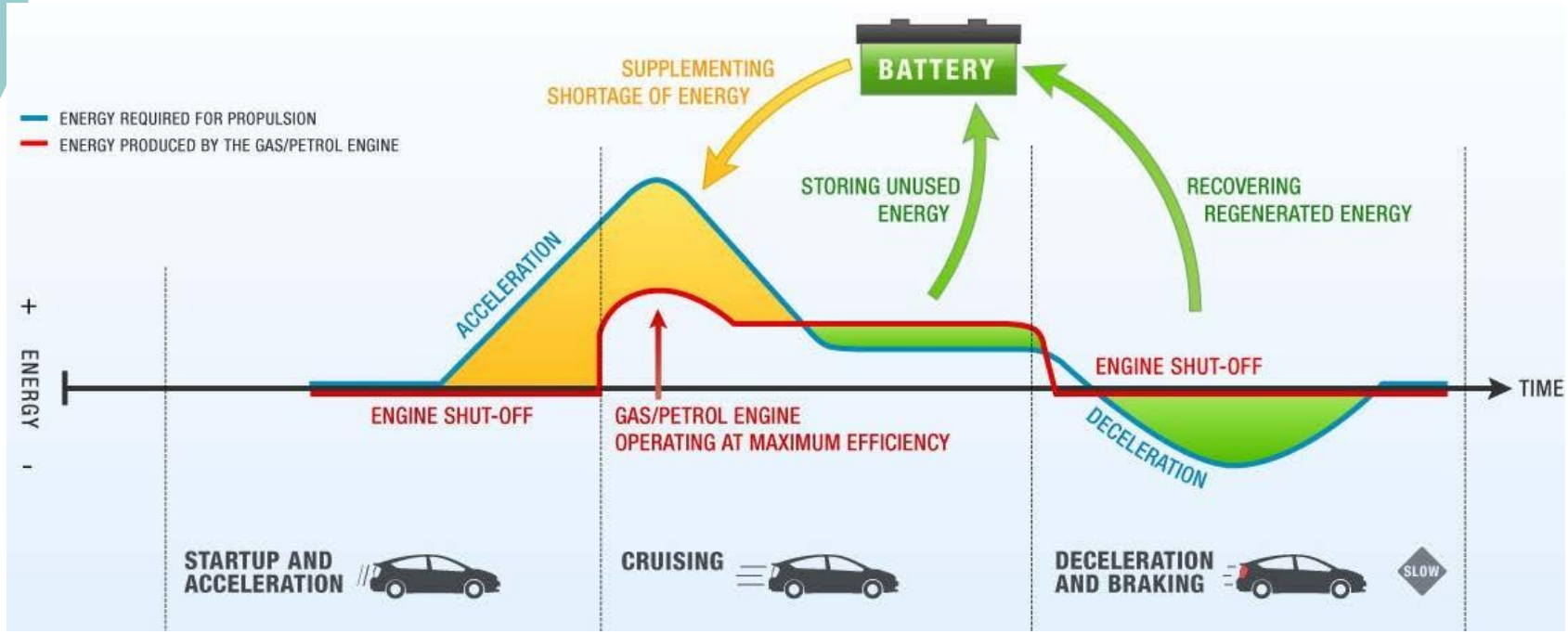
Пуни хибриди *(full hybrid vehicles)* – принцип рада



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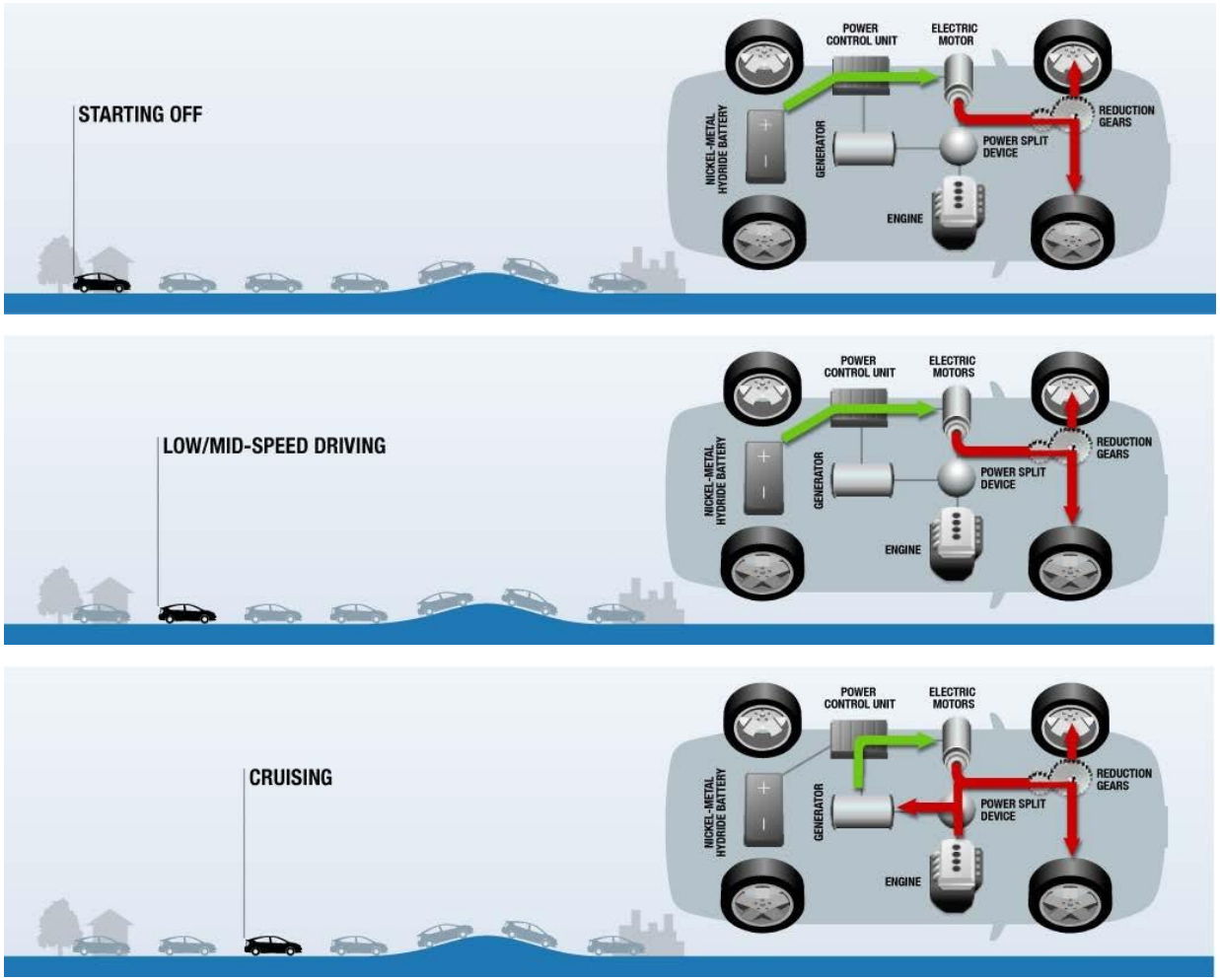
Пуни хибриди *(full hybrid vehicles)* – режими рада (1)



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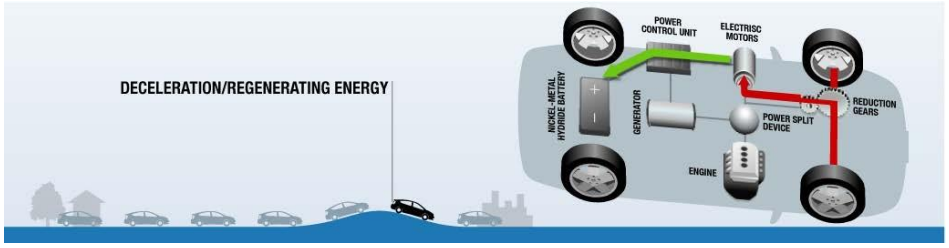
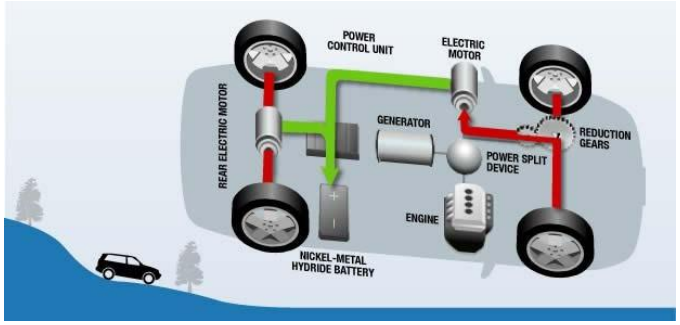
Пуни хибриди *(full hybrid vehicles)* – режими рада (2)





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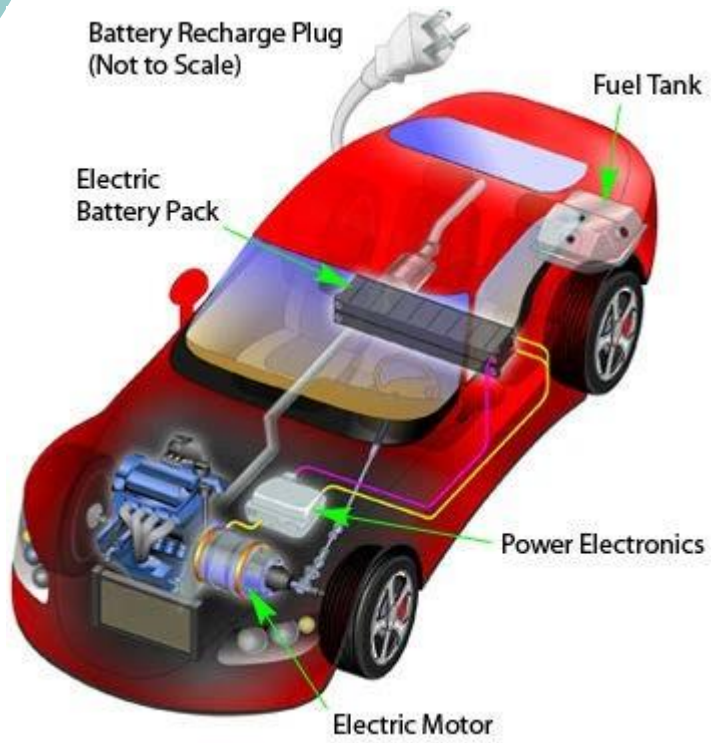
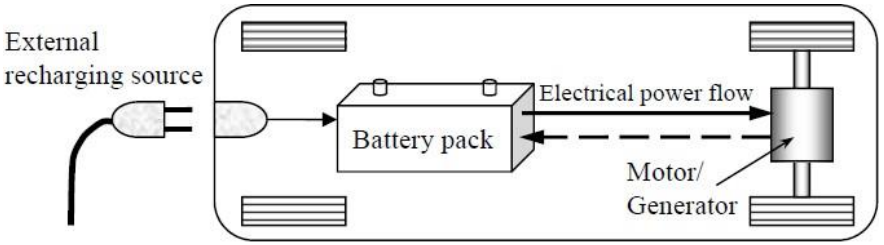
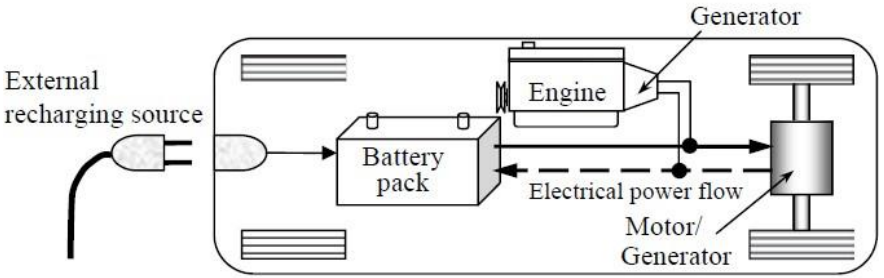
Plug-in електрични хибриди





(a) Plug-in electric vehicle



(b) Electric vehicle with range extender and plug-in facility