

Intelligente transportsystemer, i morgen og (lidt?) senere

ITS-Forum, 4/12/2014

Dagens tekst

- ITS
 - Fra dumme metallkasser til autonome kjøretøy til selvorganiserende systemer
 - Fra manuelle trafikkoptimering til lokal autonomi til selvorganiserende systemer
- Muliggjørende teknologier
 - Kunstig intelligens
 - Store datamengder
 - Internet of things (IoT) og (mobil) tilkobling

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- Leder Gemini-senteret for anvendt kunstig intelligens
- Leder Norsk AI Selskap
- Lidenskapelig opptatt av trafikksystemer, spesielt trafikklys

Autonome kjøretøy (i dag)



Autonome kjøretøy ("hvordan lave ferdselsregler?")



ELECTRICITY MAY BE THE DRIVER. One day your car may speed along an electric super-highway, its speed and steering automatically controlled by electric devices embedded in the road. Highways will be made safe—by electricity! No traffic jams... no collisions... no driver fatigue.

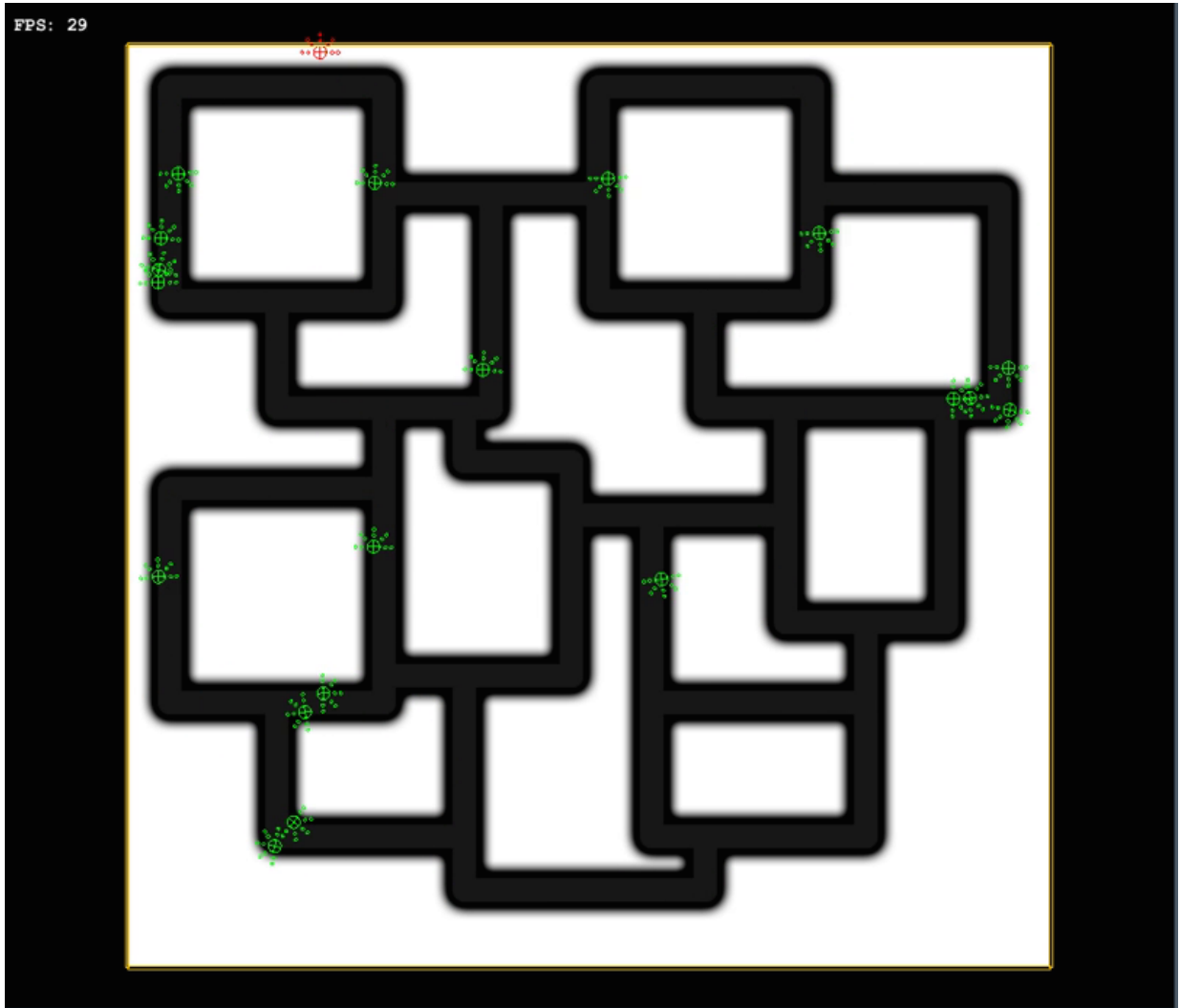
Power Companies Build for Your New Electric Living

Your air conditioner, television and other appliances are just the beginning of a new electric age. Your food will cook in seconds instead of hours. Electricity will close your windows at the first drop of rain. Lamps will cut on and off automatically to fit the lighting needs in your rooms. Television "screens" will hang on the walls. An electric heat pump will use outside air to cool your house in summer, heat it in winter.

You will need and have much more electricity than you have today. Right now, America's more than 400 independent electric light and power companies are planning and building to have twice as much electricity for you by 1967. These companies can have this power ready when you need it because they don't have to wait for an act of Congress—or for a cent of tax money—to build the plants.

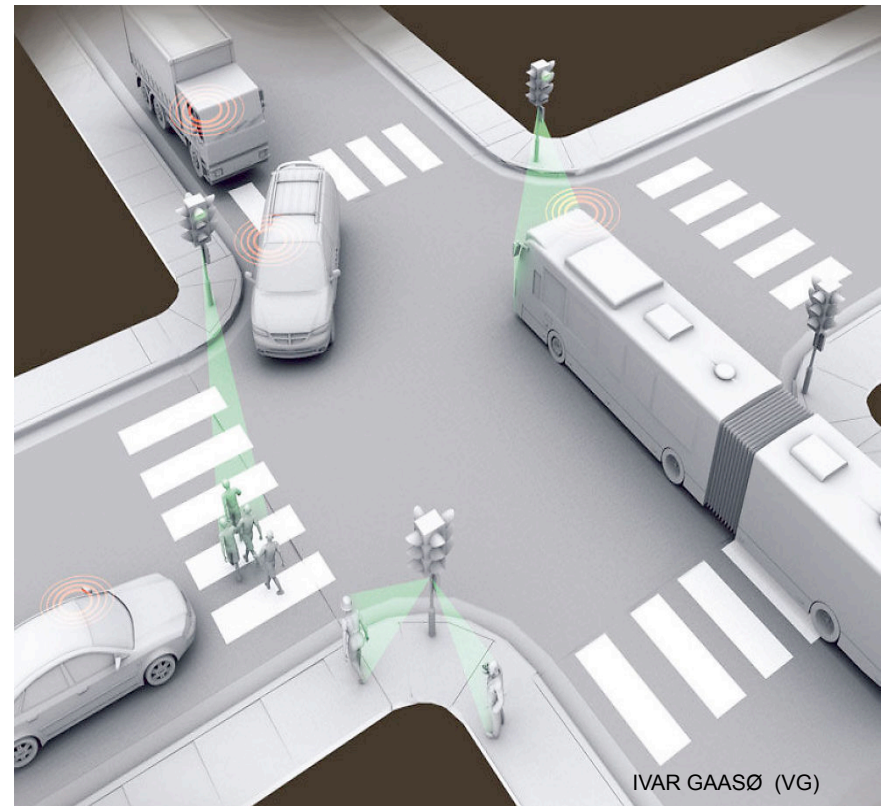
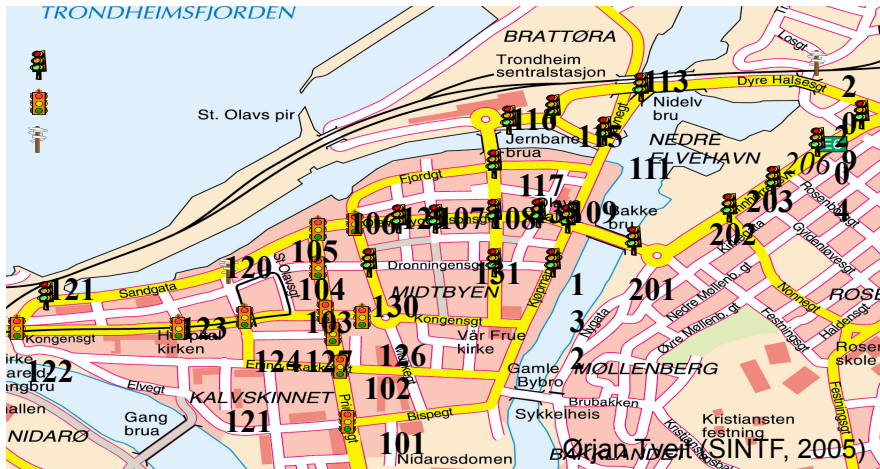
The same experience, imagination and enterprise that electrified the nation in a single lifetime are at work shaping your electric future. That's why in the years to come, as in the past, you will benefit most when you are served by independent companies like the ones bringing you this message—*America's Independent Electric Light and Power Companies*.*

*Company names are retained through this magazine.

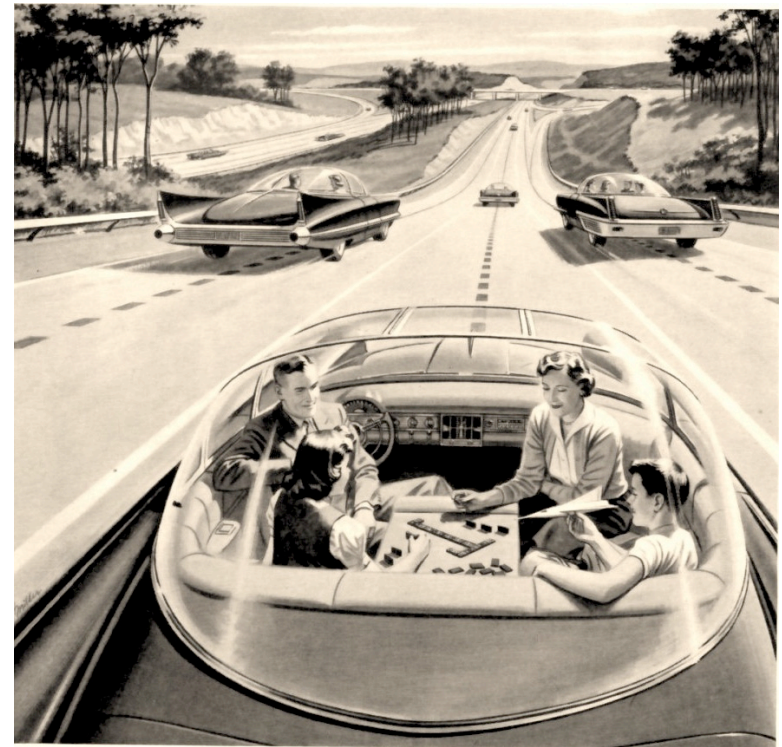
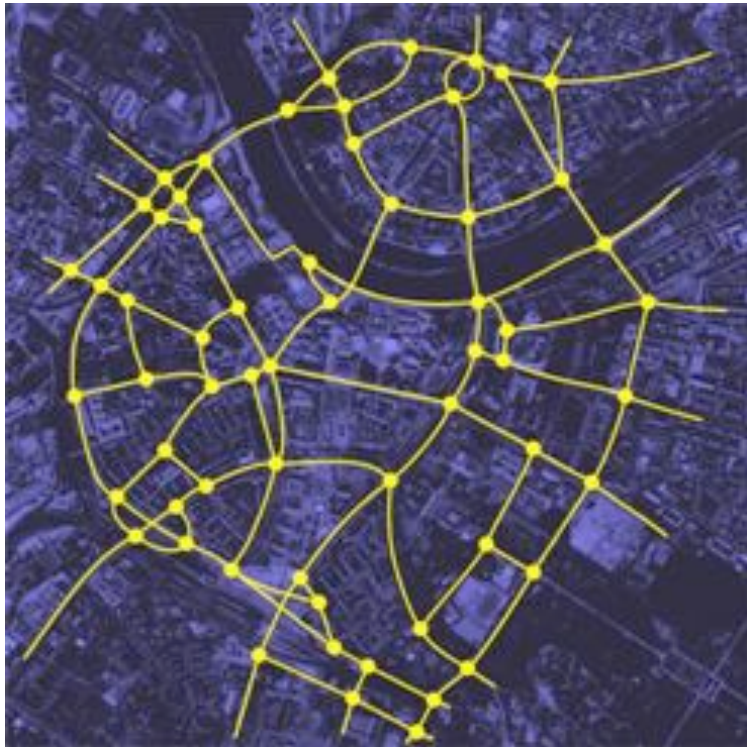


Christian Skjetne, IDI, NTNU

Trafikoptimering



Trafikoptimering (selvorganiserende systemer)



Kunstig intelligens



Studiet av
intelligens og
bygning av
intelligente
systemer

Internet of Things og (mobil) tilkobling



GPRS

“Talk to your friendly neighbourhood Telco”

2 CONNECTIVITY

These inputs are digitized and placed onto networks.

USSD

LTE direct

