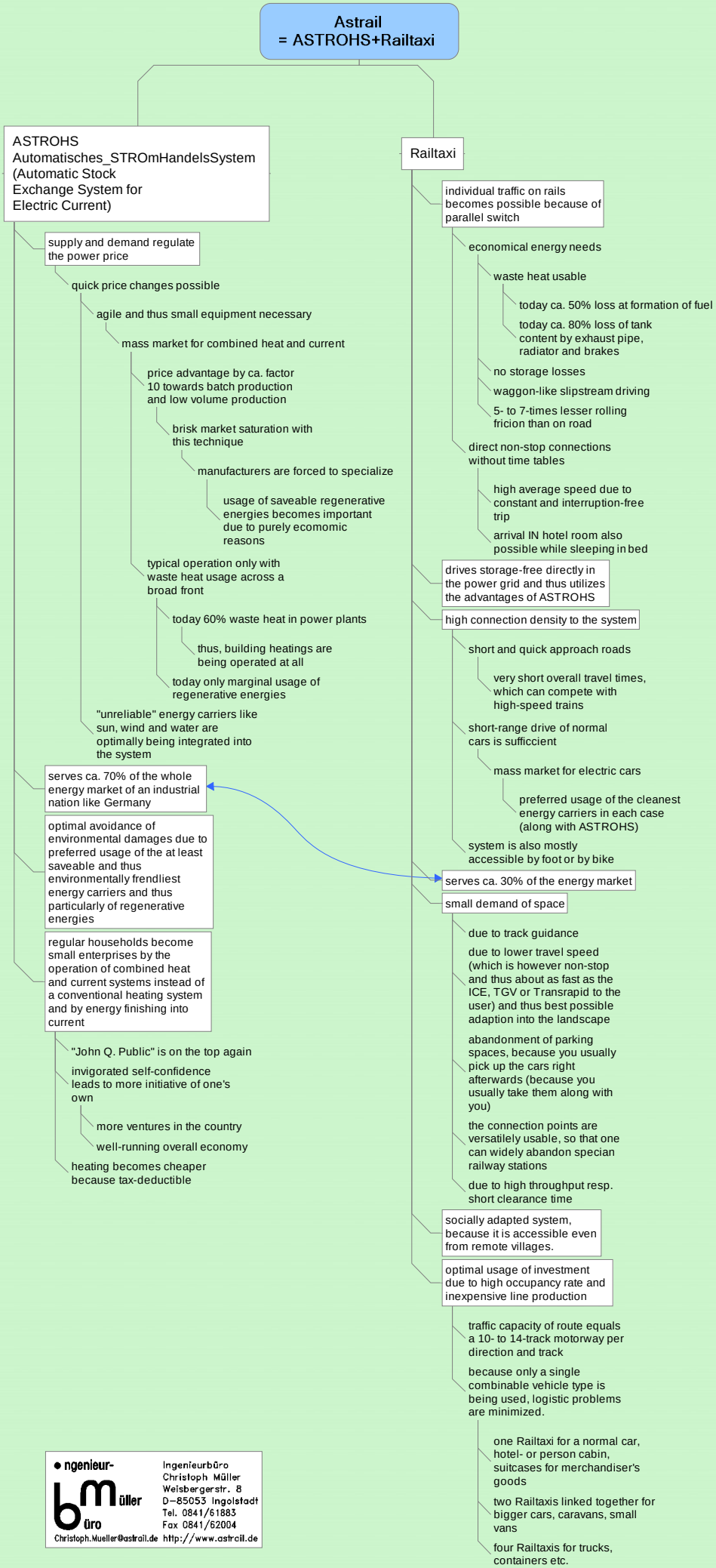
Astrail
= ASTROHS+Railtaxi
ASTROHS
Automatisches_STROmHandelsSystem
(Automatic Stock
Exchange System for
Electric Current)
supply and demand regulate the power price
quick price changes possible
agile and thus small equipment necessary
mass market for combined heat and current
price advantage by ca. factor 10 towards batch production and low volume production
brisk market saturation with this technique
manufacturers are forced to specialize
usage of saveable regenerative energies becomes important due to purely ecomomic reasons
typical operation only with waste heat usage across a broad front
today 60% waste heat in power plants
thus, building heatings are being operated at all
today only marginal usage of regenerative energies
"unreliable" energy carriers like sun, wind and water are optimally being integrated into the system
serves ca. 70% of the whole energy market of an industrial nation like Germany
optimal avoidance of environmental damages due to preferred usage of the at least saveable and thus environmentally frendliest energy carriers and thus particularly of regenerative energies
regular households become small enterprises by the operation of combined heat and current systems instead of a conventional heating system and by energy finishing into current
"John Q. Public" is on the top again
invigorated self-confidence leads to more initiative of one's own
more ventures in the country
well-running overall economy
heating becomes cheaper because tax-deductible
Railtaxi
individual traffic on rails becomes possible because of parallel switch
economical energy needs
waste heat usable
today ca. 50% loss at formation of fuel
today ca. 80% loss of tank content by exhaust pipe, radiator and brakes
no storage losses
waggon-like slipstream driving
5- to 7-times lesser rolling fricion than on road
direct non-stop connections without time tables
high average speed due to constant and interruption-free trip
arrival IN hotel room also possible while sleeping in bed
drives storage-free directly in the power grid and thus utilizes the advantages of ASTROHS
high connection density to the system
short and quick approach roads
very short overall travel times, which can compete with high-speed trains
short-range drive of normal cars is sufficcient
mass market for electric cars
preferred usage of the cleanest energy carriers in each case (along with ASTROHS)
system is also mostly accessible by foot or by bike
serves ca. 30% of the energy market
small demand of space
due to track guidance
due to lower travel speed (which is however non-stop and thus about as fast as the ICE, TGV or Transrapid to the user) and thus best possible adaption into the landscape
abandonment of parking spaces, because you usually pick up the cars right afterwards (because you usually take them along with you)
the connection points are versatilely usable, so that one can widely abandon specian railway stations
due to high throughput resp. short clearance time
socially adapted system, because it is accessible even from remote villages.
optimal usage of investment due to high occupancy rate and inexpensive line production
traffic capacity of route equals a 10- to 14-track motorway per direction and track
because only a single combinable vehicle type is being used, logistic problems are minimized.
one Railtaxi for a normal car, hotel- or person cabin, suitcases for merchandiser's goods
two Railtaxis linked together for bigger cars, caravans, small vans
four Railtaxis for trucks, containers etc.
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