

LI-FI for a new wireless network.

WHAT IS LI-FI ??

Be able to connect to internet in wireless mode, more faster than WI-FI, and do it with lower energy cost only with a LED, that is to say with light.

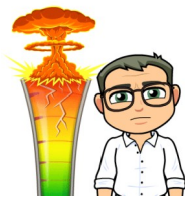
WHEN WAS THE FIRST NEWS ??

Since july 2011 at Édimbourg when a teacher in mobile communication, start a HD video on his smartphone by putting his phone under a light.

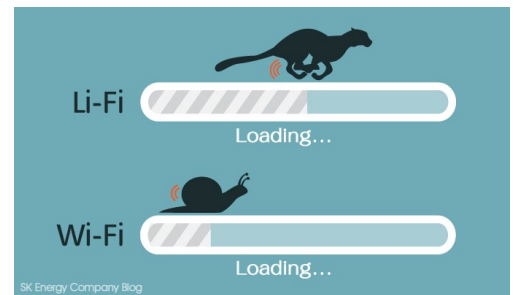
ADVANTAGES COMPARED TO WIFI ??



- need less energie



- not over used and full



- more faster



- more safe



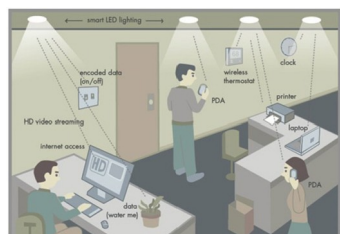
- better for specials places like hospital



- more accurate in localisation

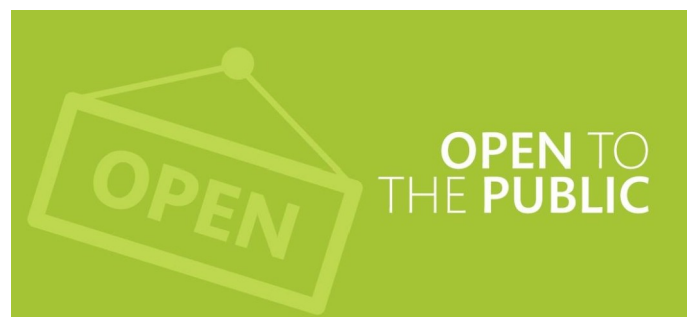
DISADVANTAGE (for now) ??

- low range from the light



- not common in light technology (first light to include LI-FI)

GOAL FOR THE FUTURE ??



SOURCES :

- <https://www.edf.fr/edf/accueil-magazine/le-lifi-accedez-a-internet-par-la-lumiere>
- http://www.cite-sciences.fr/fr/ressources/science-actualites/detail/news/li-fi-quand-la-lumiere-revolutionne-la-communication-sans-fil/?cHash=e7ae84b2fa575d4d901d270c4070a8c8&tx_news_pi1%5Baction%5D=detail&tx_news_pi1%5Bcontroller%5D=News