



“The path to the future”

Managing the DATA energy consumption & carbon footprint

Immersion cooling technology – The future of Datacenters

DATA market

This 3M video highlights how DATA is going to impact and take place in our life.

https://youtu.be/vqKWMfB_IJ0

In 2013, we wrote that DATA are going to the 8th “natural resource” in the planet.

There are not such things as unlimited energy. The CLOUD has given that impression as we do not know the energy value of the DATA we are creating.

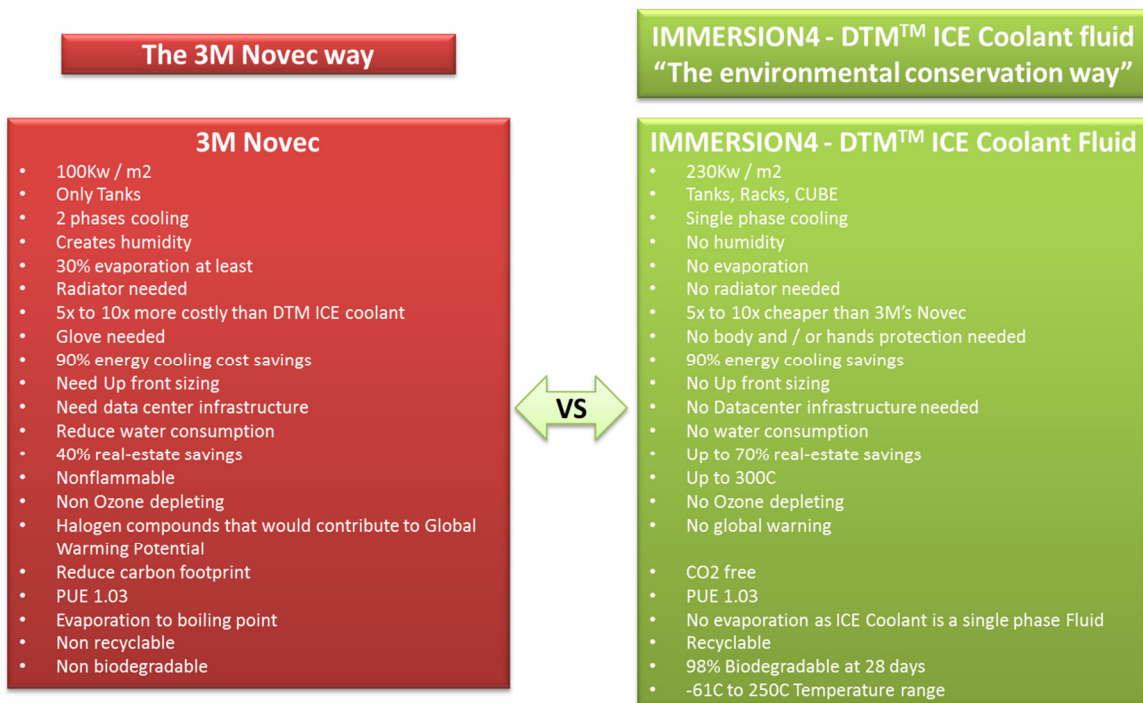
Today the entire world economy is DATA driven. We have to solve the equation trigger by Demographics, increased energy demands, digitalization transformation as it will be no slowing down of the DATA growth. The “Unwanted wave” is about to come.

Without principles such as Eco-conservation & Environmental conservation applied with the right business model, we cannot have a DATA energy consumption efficient policy. As decision makers, in our respective business, we are at the forefront of every decision to solve power effectiveness.

Today’s technologies used by datacenters contribute greatly to the world pollution in term of water consumption, CO2 and GHG emission.

Full immersion technology could transform data centers by solving mechanical and thermal gradients by eliminating vibrations and providing a steady temperature in all circumstances which will makes everything simpler.

Comparing 3M Novec liquid cooling vs Immersion4 DTM™ ICE Coolant Fluid





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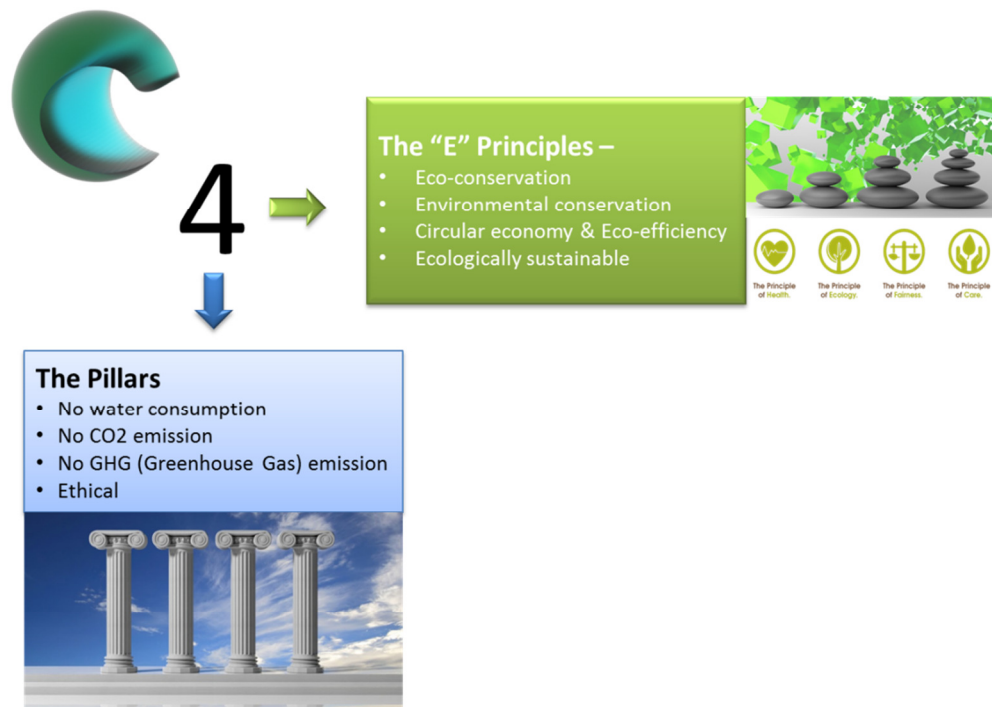
Full immersion led by Immersion4 is the way to address and solve this problem in 4 ways by:

- Providing the only recyclable technology which doesn't use water and create additional pollution.
- Reducing the DATA energy consumption starting at the server level
- Recycling the “Digital waste” as energy.
- Using a business model which minimize carbon footprint at its minimum involving local industries creating values to communities.

Video link - <https://www.dropbox.com/s/86ks1lq3qbswyiy/imm4%20Teaser%20english%20version.mov?dl=0>

We need to understand what can be called “POWER of the CLICK” each time we create DATA as we have less than 2 decades to make a change.

About Immersion4 -



The pillars - The 4 pillars defined precisely the footprint Immersion4 wants to leave on the planet:

Immersion4 is based on Eco Conservation built on 4 pillars:

- No Water consumption
- No CO2 emission
- No GHG (Greenhouse Gas) emission
- Ethics



For Immersion4 the planet matters & drives the way we do business. Integrity & independence are our watchwords. When clients turn to us for services, we don't just add value, we add values in allowing Immersion4 DTM technology to be built locally using the local industry enhancing the local economy.



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Based on sharing and optimizing the “value chain” to ease Immersion4’s DTM™ technology acceptance using the franchise model, we are chasing the carbon footprint at each stage to minimizing its impact.

The principles - Immersion4™ “Dynamic Thermal Management” DTM™ datacenter technology is based on the **4 “E” principles**:

1- Eco-conservation

The best energy savings is the energy we don’t use from the servers up to the building.

2- Environmental conservation

To preserve & enhance the “Quality of Life” QoL.

3- Circular economy & Eco-efficiency

“Pay as you Grow”. No up-front sizing. The best datacenter is the one with no datacenter infrastructure required.

4- Ecologically sustainable

99,99% built on recyclable and biodegradable materials.



Immersion4 social responsibility – “Making the Cloud cool again”

Immersion4’s social responsibility business model addresses the issues we are solving so we can “Make the Cloud cool again”. It is a global responsibility to look at the impact done by the way the company operates and does business. Energy is not unlimited and soon we will have to balance demographic and energy resources & usages.

THE PATH OF HUMAN EVOLUTION - HARMONY



Immersion4 understands precisely the energy footprint and its related pollution on the planet by minimizing their impact through a business model leveraging the local economy.

Making the planet a better place using Immersion cooling Neural Network data center infrastructure.

