

# Applications for microfluidic technologies in the Environmental and sector.

Current and future.

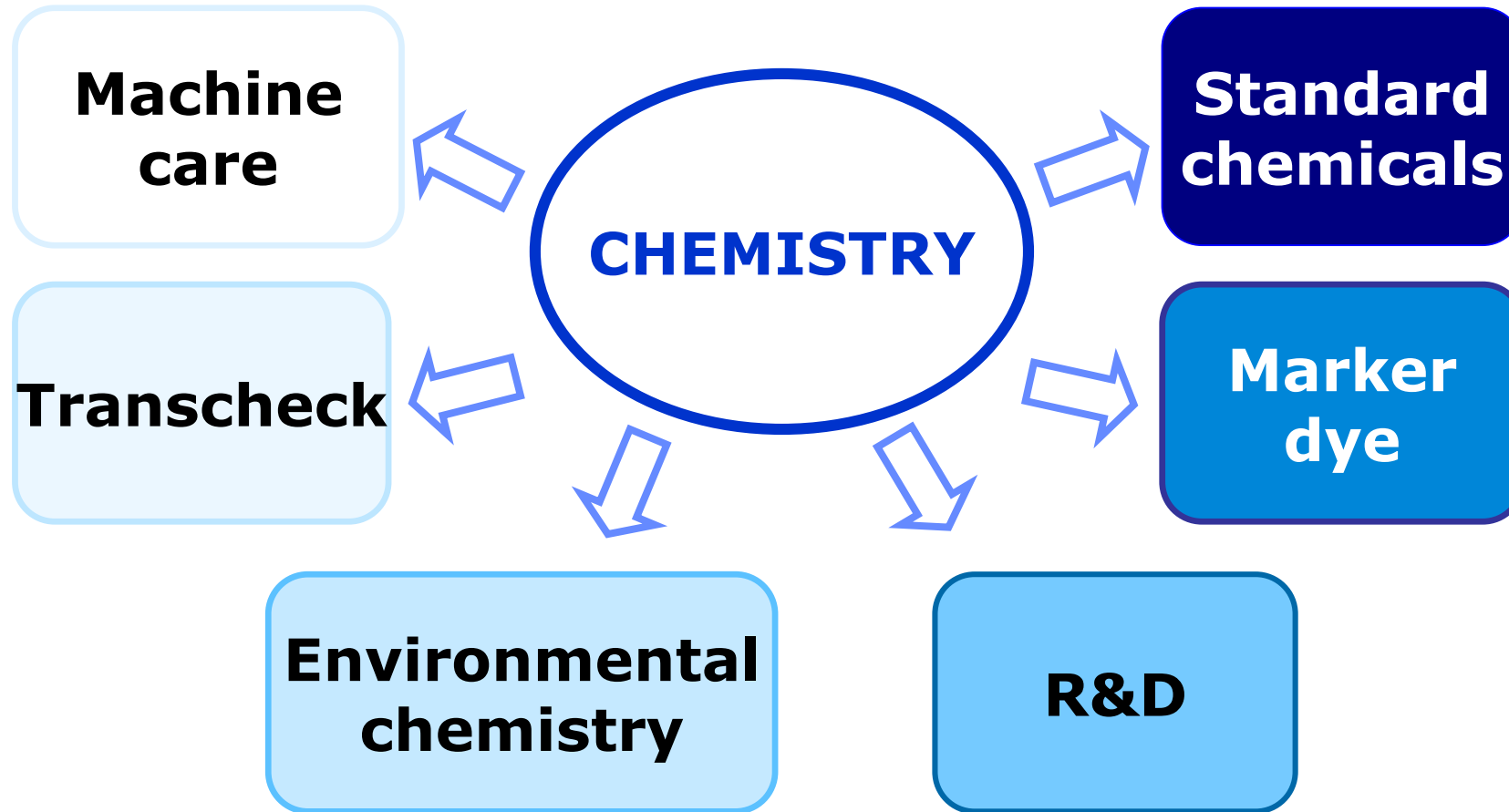
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Context



# Experience FP7



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# Expectations for Lab on a chip?



2014

2150



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What does Industry want?

Robust, Low cost, Deployable, Low maintenance, Real time, Accurate, Precise.....?

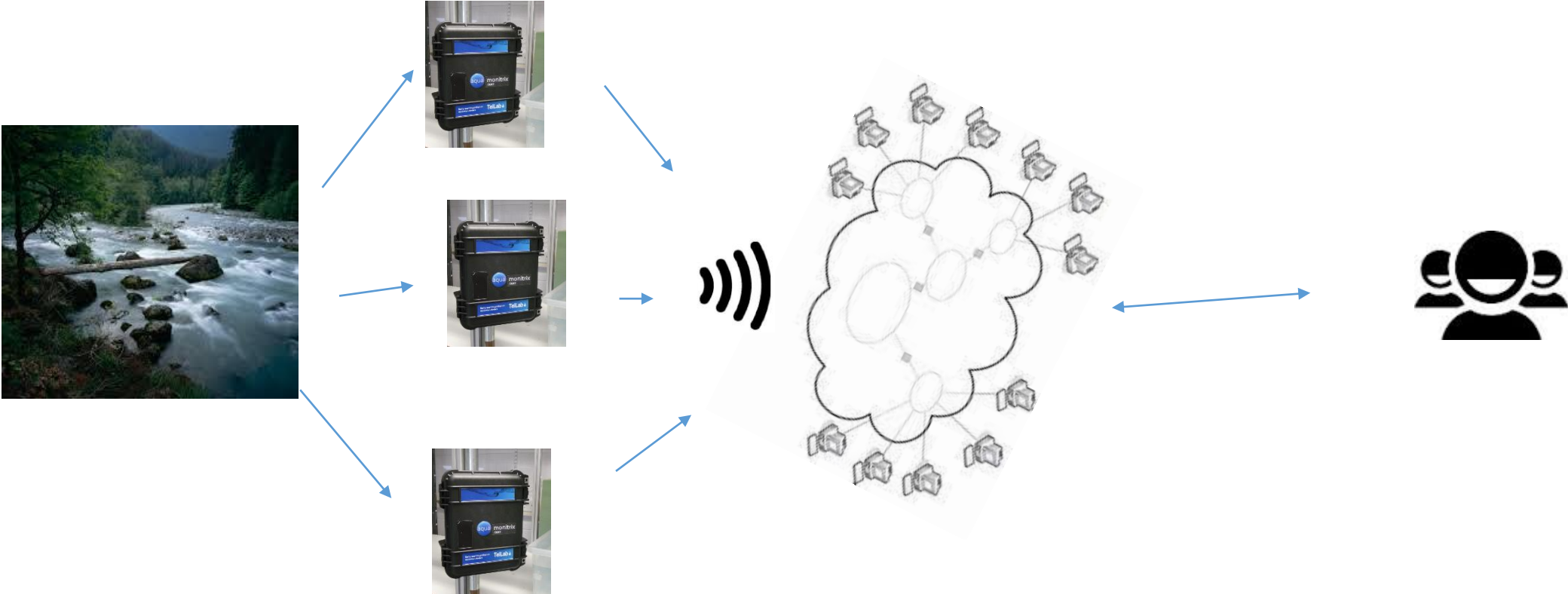


Fit for purpose



# Examples Environment. Surface water monitoring

*Connecting sensor and field technologies with the customers using cloud storage systems*



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**Examples Environment. Surface water monitoring**

**Industry requirement/ Fit for purpose**

**Current**

**Near Future**

**2150**

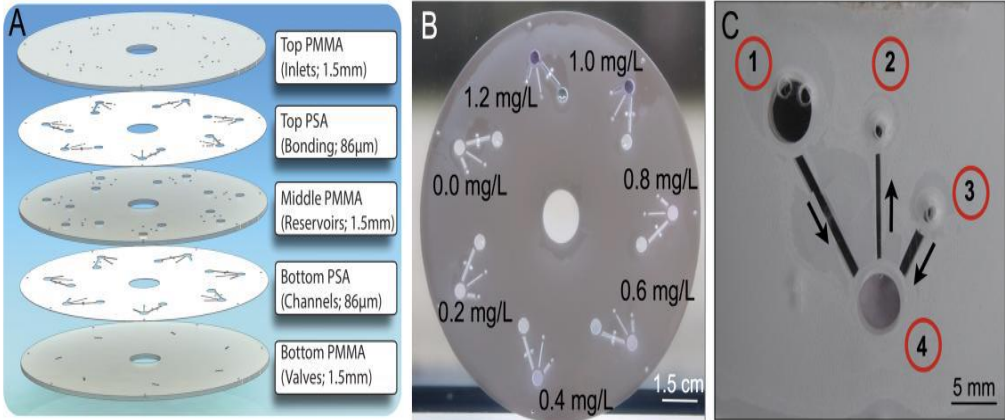
**Limited market penetration**

**Mass market penetration?**



# Examples Environment. Drinking water monitoring

## CD Designs



## Instruments



## Screening





**Examples Environment. Drinking water monitoring**

**Industry requirement/ Fit for purpose**

**Current**

**Near Future**

**2150**

**Limited market penetration**

**Significant market if  
CD's can be  
manufactured in a  
cost effective way.**



## Summary/Discussion

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