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HPC

Scania Infomate AB

Implementing a parallell HPC solution for a previously non-parallell appliance

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The non-parallel version

Mature and well known workflows



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The parallell version

Conflict between the mental picture of how things should be done
and actual benchmarks



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Options

There was an attractive option – the GPU option



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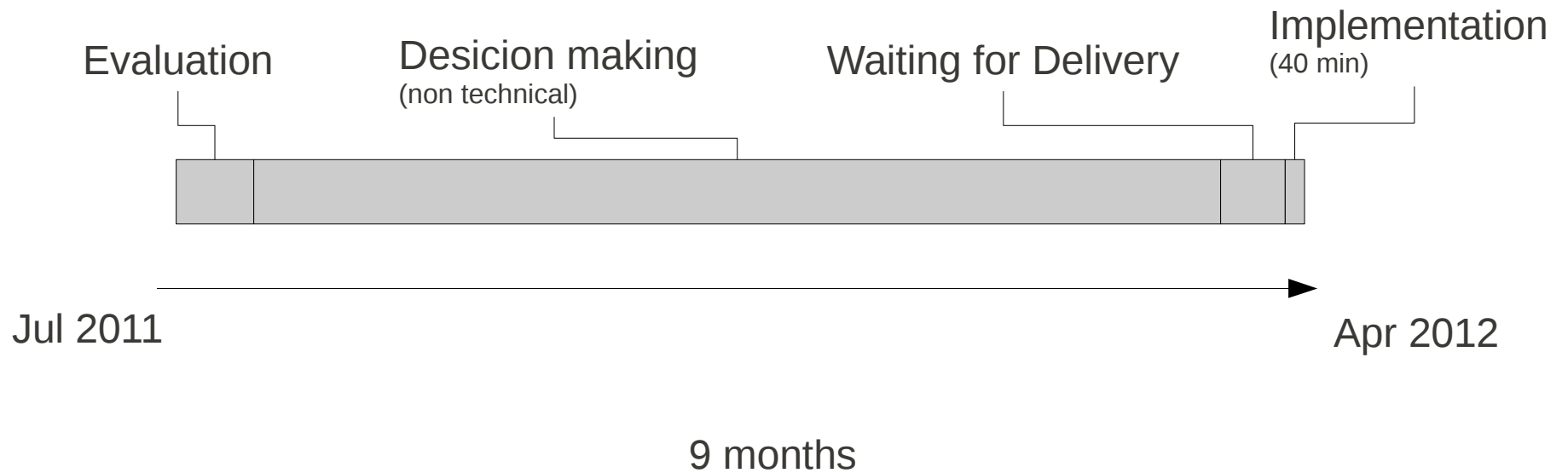
Technical obstacles

Licenses vs Hardware vs Workflows



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The implementation process



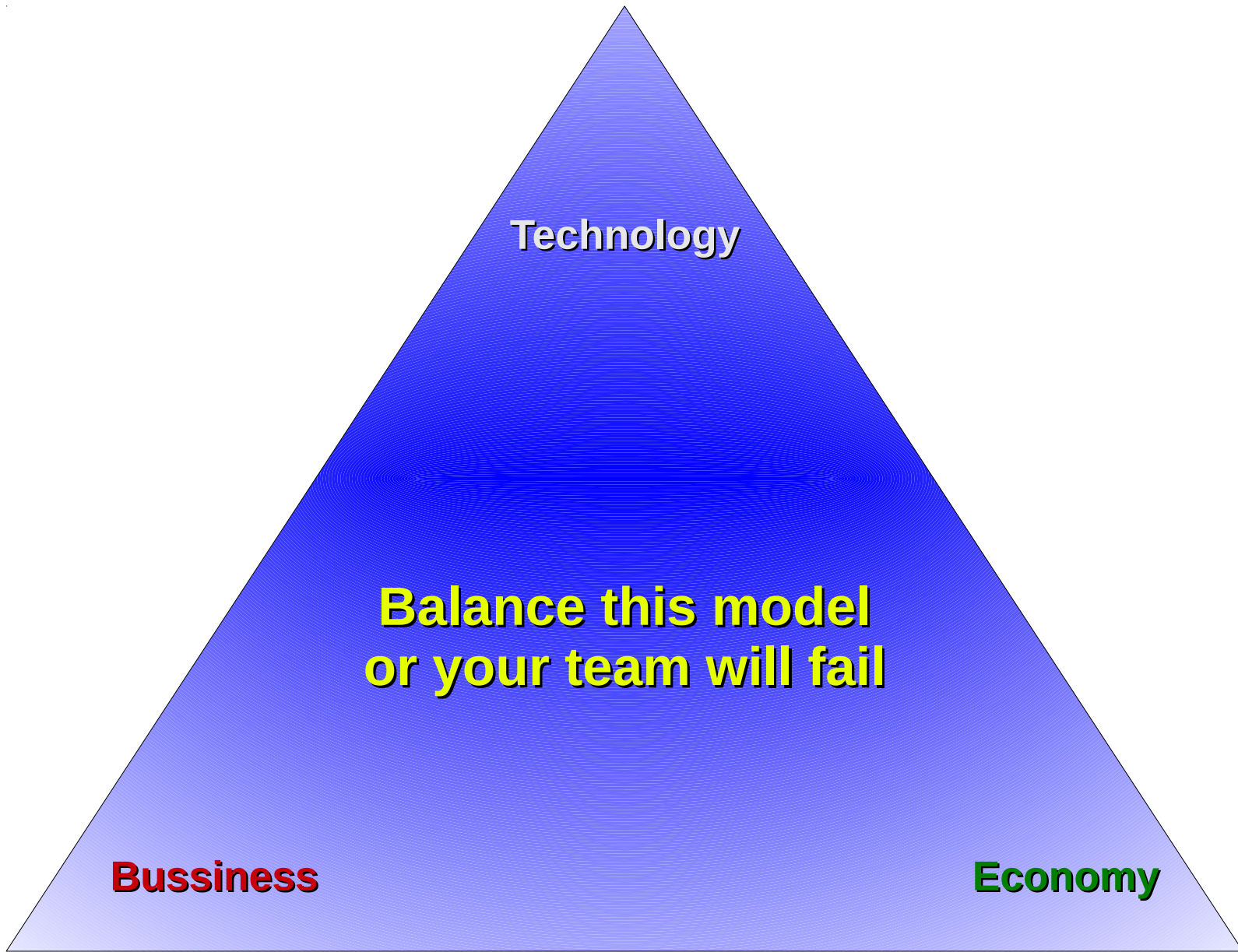
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What I have learned from 10 years of HPC

0. Discovery that computing **reduces costs**
1. Discovery that computing **adds value**
2. Discovery that computing **gives market edge**
3. Discovery that computing **boost innovation**
4. Discovery that computing **spreads into all scientific disciplines**
5. Discovery that HPC **will grow without limit**



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Plans for the future

Address the whole process to instantly respond to,
new demands

We will get there



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