

DIMECC – impact through ecosystems

Cases:
Smart Tampere
One Sea

DIMECC Build a smarter city – Smart Tampere

Targets:

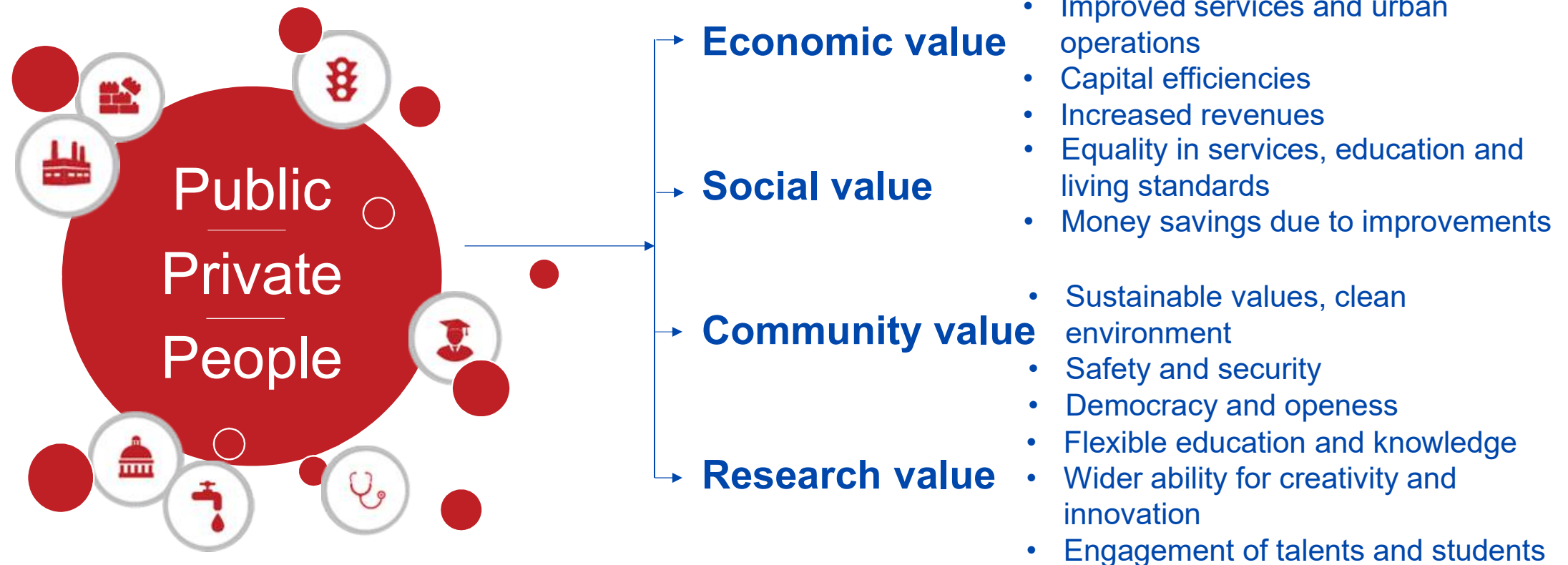
Internationally recognized sustainable smart city attractive for business and citizens.

Increase in quality of life, wellness and safety.

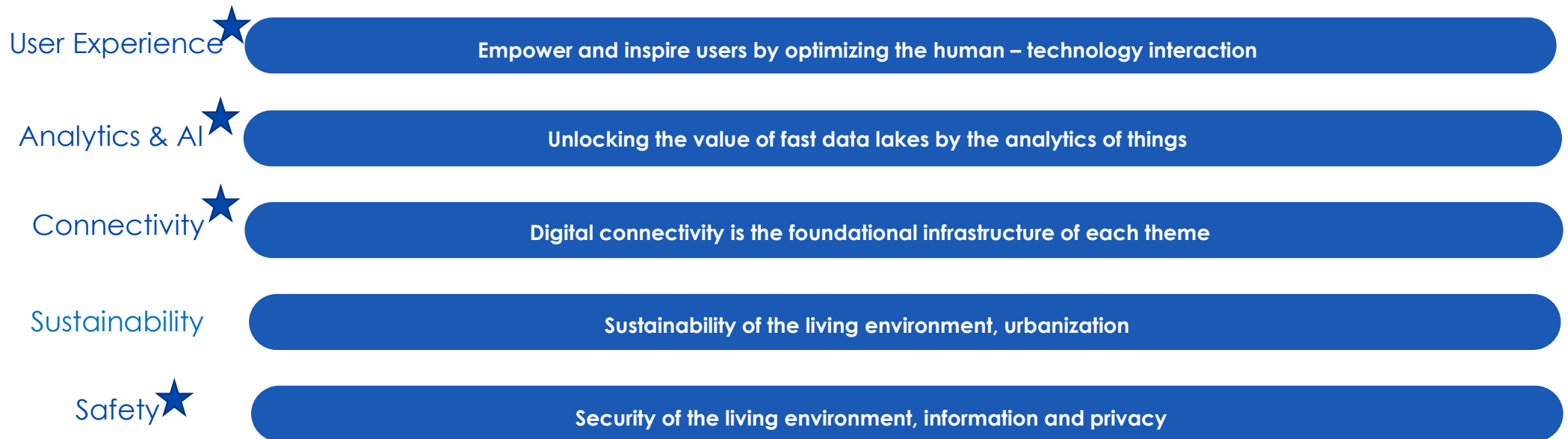
City services are digitalised with sustainable solutions.



DIMECC Value creation in ecosystems – P4.0



DIMECC Key elements of Smart Tampere



One Sea – Autonomous Ships

Finland aims to operate world's first autonomous ship system in 2025



Image © Rolls-Royce

DIMECC

How did we form One Sea?



MERITEOLLISUUS
Finnish Marine Industries

Strategic Research Agenda
Digitalisation - Autonomy



DIM-ECC



Tekes



One Sea
Ecosystem



Global Industry Standards
will be changed



Test Areas open for all:
"Jaakonmeri"



International Rules &
Regulations will be changed



Technology Acquisition &
Roadmaps to boost R&D&I



Business Creation &
Global Collaboration

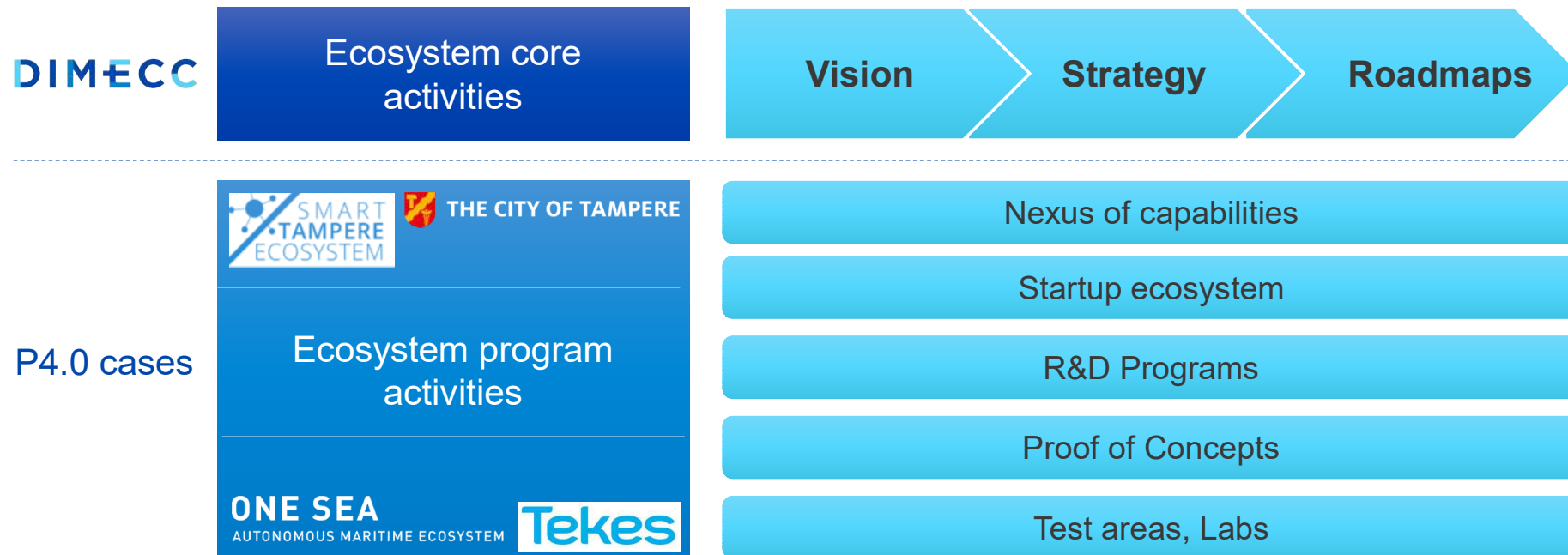


New Maritime Culture through P4.0!

DIMECC



**Extremely high
impact and
performance in
ecosystem
leadership**

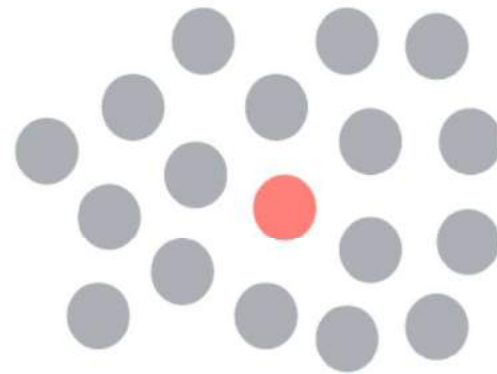


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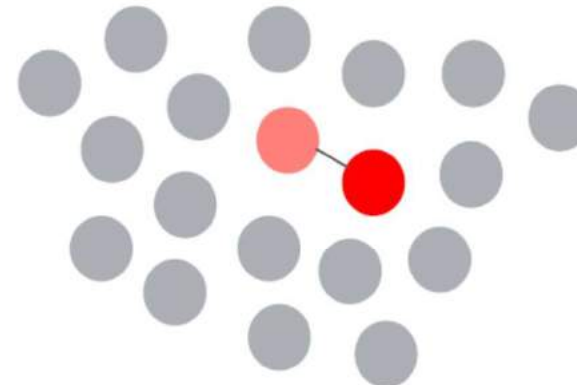
The value of DIMECC platform:

- It is not connected to any specific project, time, or theme.
- It evolves according to the needs of participants and creates consortiums on a continuous basis.
- It supports participants independently from public funding decisions and policies.

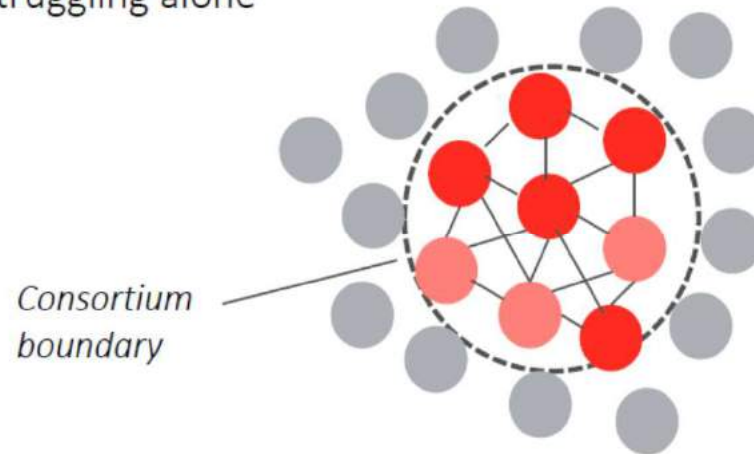
Operating models in research



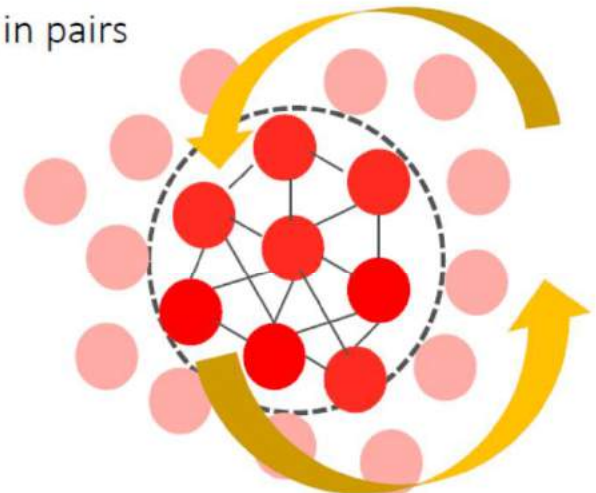
Struggling alone



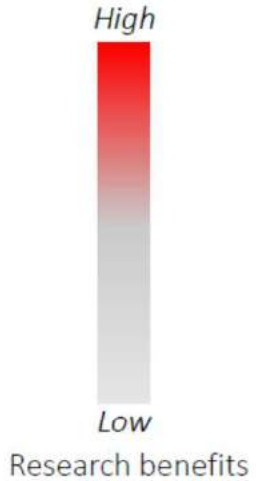
Working in pairs



Co-creation in consortium



DIMECC: Co-creation + information sharing



"[Numbers and figures] equal with the story according to which DIMECC has significant positive impact among it's customers and in mechanical engineering industry in large."

Dr. Petri Rouvinen, CEO, ETLA-Tieto Oy

Change from 2009 to 2014	DIMECC's customers	Comparison group (Technology industries, TOL classification)
Turnover	28 %	-10 %
Operating profit	1823 %	negative → positive
Value added	14 %	-9 %
Value added/personnel costs	7 %	-2 %
ROE-%	2 %	negative → negative
Turnover/Company	16 %	-7 %

(Source: Statistics Finland 2016)

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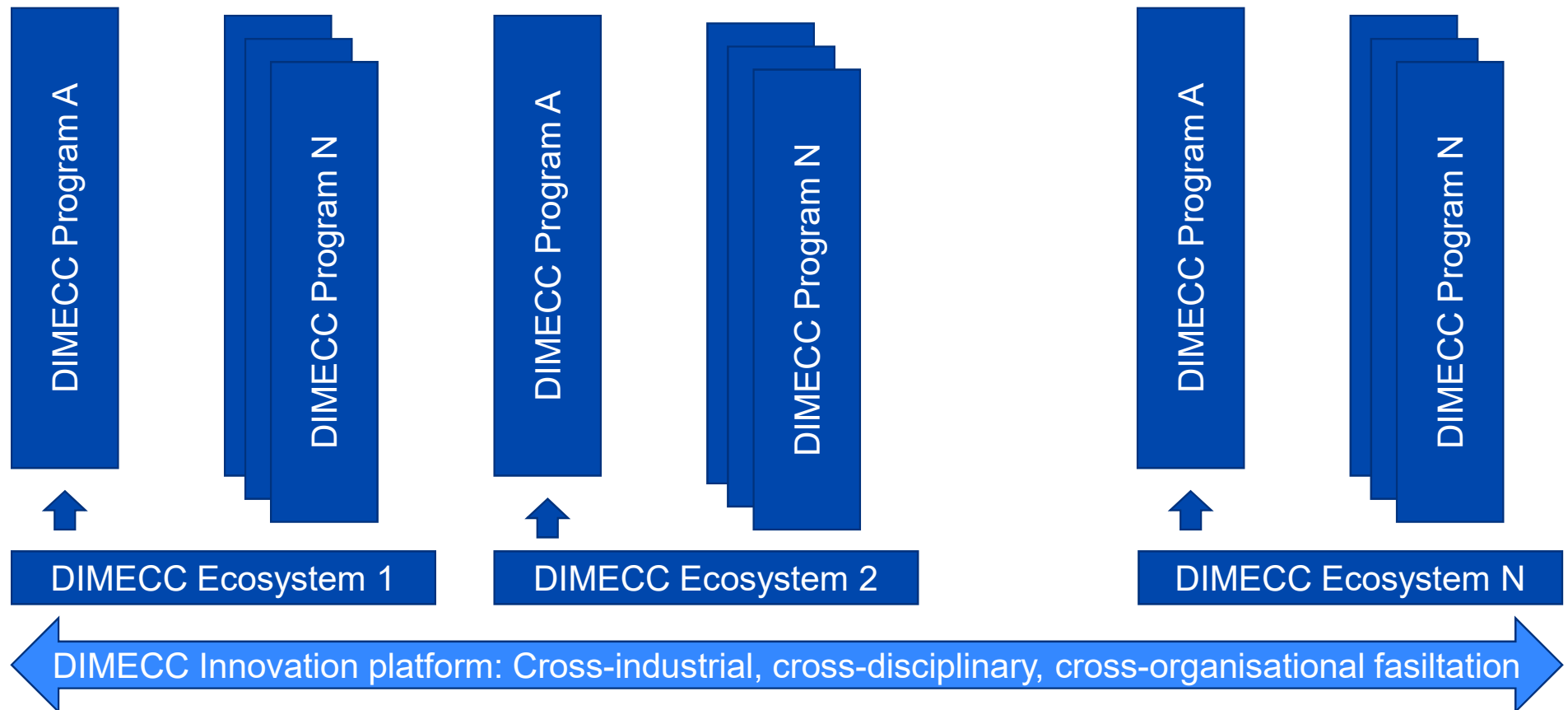
A large, stylized graphic of the letter 'D' is positioned on the left side of the slide. The 'D' is composed of a dark blue outer ring and a light blue inner circle. The background of the slide is a light blue gradient.

Facts & Figures

DIMECC Shareholders



DIMECC How do we work?



DIMECC

A large, stylized graphic of the letter 'D' is positioned on the left side of the slide. The 'D' is composed of a dark blue outer ring and a light blue inner circle. The background of the slide is a solid light blue color.

**Where the leaders
and winners meet -
DIMECC**