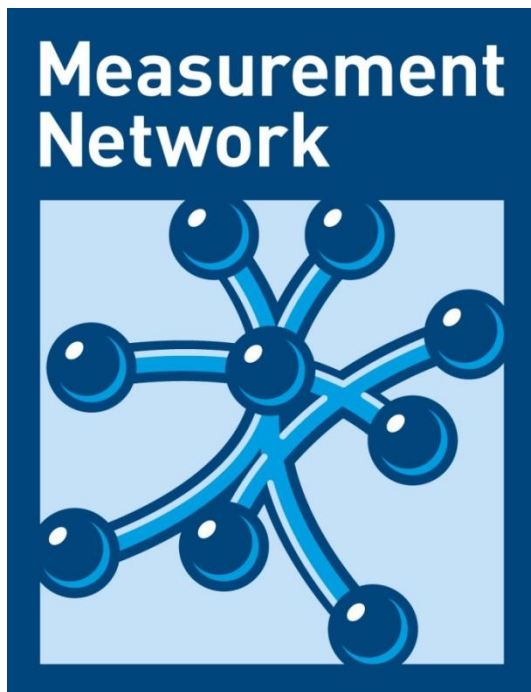




Measurement Network

Tiju Joseph
Measurement Network Manager

Measurement Network



Connecting Business with
measurement knowledge

3000 members

Website:

www.npl.co.uk/measurement-network

Find us in:



What we do?

Free advice and Technology Brokerage	Discuss your measurement needs, broker relations and sign post you to solve your measurement challenges
Innovation Funding	MN can help you to access the NPL Technology Innovation Fund
Free Resources	Access free resources to help your business improve and innovate.
Networking and Events	Events addressing market needs that will bring together the supply chain
Online Seminars	Focused events highlighting technology solutions and new metrology innovations
Newsletters	Receive measurement news, global insights, learn about new innovations, upcoming events and funding opportunities
Post your Challenge	Network members can ask questions to world leading experts through LinkedIn, and _connect.
Online Community	Engage in discussions and virtual networking with the measurement community.
Coordinate and Amplify	Bring together communities that depend on specific measurement infrastructure and capabilities, to help represent their needs



MN- Home Page

Home > Measurement Network



Measurement Network

Connecting business with measurement knowledge.

Join the Network:

- ✓ Technology Brokerage
- ✓ Access to Free Resources
- ✓ Networking and Events

Sign-up



Join the conversation

Join us on [LinkedIn](#) and [_connect](#) to discuss measurement issues and network with experts.



Challenges



Building Performance Evaluation

Highlight the measurement challenges within the BPE process, promote best practice in measurement and understand the requirements of

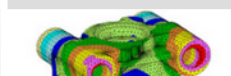
[Find out more...](#)



Solid State Lighting

Solid State Lighting has the potential to revolutionise the efficiency, appearance and quality of lighting as we know it.

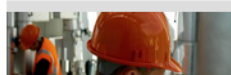
[Find out more...](#)



Uncertainty in Finite Element Modelling

Natural variability and randomness affect every real-world process, but how should their effects be included in simulations?

[Find out more...](#)



Measurements in Harsh Operating Environments

Improve understanding of how better measurements contribute to the design, development and

About Us

Measurement Network connects business with measurement knowledge.

[Learn more about the Network](#)

Benefits of the Network

Discover what **benefits** the Network can offer.

Upcoming Network Events

[Metrology for Solid State Lighting](#) **23 APR 2013**
European Metrology Research Programme (EMRP) End of Project Results Conference for partners, those who wish to use the project output, and UK and international stakeholders.

[Generating Robust and Relevant Data for Tribological Performance \(Webinar\)](#) **30 MAY 2013**
This webinar discusses a broad range of issues, including: tribological tests, factors governing selection of tests, different types of wear, and measurements in tribology.

[New capabilities to support industry](#) **12**

Solid State Lighting-Homepage



Solid State Lighting (SSL)

Solid State Lighting has the potential to revolutionise the efficiency, appearance and quality of lighting as we know it.

Projects

Metrology for Solid State Lighting

This European Metrology Research Programme project aims to develop and validate traceable measurement methods for solid-state lighting products, including optical, electrical, thermal and materials properties.

The project has produced a portable exhibition stand to encourage consumer acceptance of solid state lighting (SSL) products. The stand provides a comparison between SSL products and existing lighting technologies, such as incandescent and compact fluorescent lamps.

SSL is the most energy efficient lighting technology. It is predicted to be typically twice as energy efficient as fluorescent lamps and ten times more efficient than incandescent lamps, although current products are still in their early stages.

As electricity used for lighting accounts for 20% of the global grand total, we can obtain considerable reduction of energy consumption by replacing conventional lighting products with SSL technology.

NPL is supporting new energy efficient

Event

Metrology for Solid State Lighting

European Metrology Research Programme (EMRP) End of Project Results Conference for partners, those who wish to use the project output, and UK and international stakeholders.

23
APR 2013

Knowledge

Measurement Network

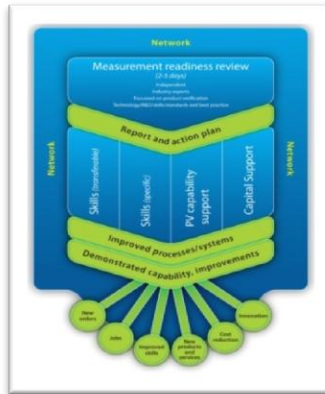
Solid state lighting metrology working group.

Lighting in lumens

Why change lighting labelling from watts to lumens?

New Projects

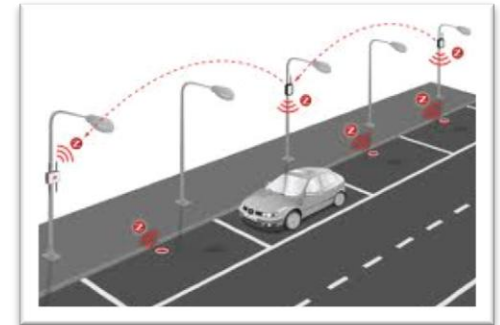
Process improvement in manufacturing



Space



Sensors



Measurements in Harsh Environments



Cancer Diagnostics and Therapy

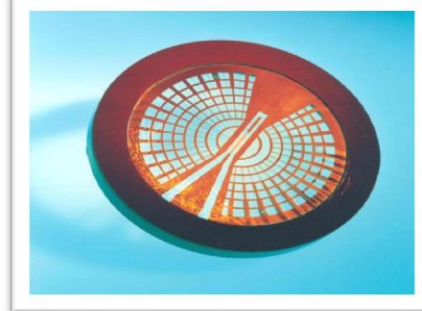
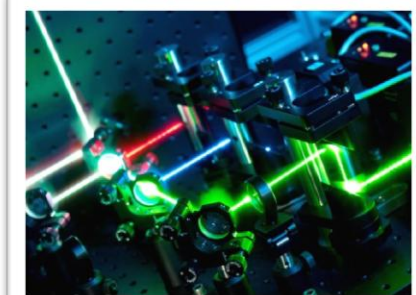


Image analysis and validation



Technology Innovation Fund...

Advice Surgeries

*1 day intensive problem solving
Aligned with all Measurement Network events*

Consultancies

5-10 days subsidised technical support

Research Clubs

Contract Research for larger scale issues

Technology Assessment

*SME's developed novel technologies that need
assessment and validation – improving chances of
investment*

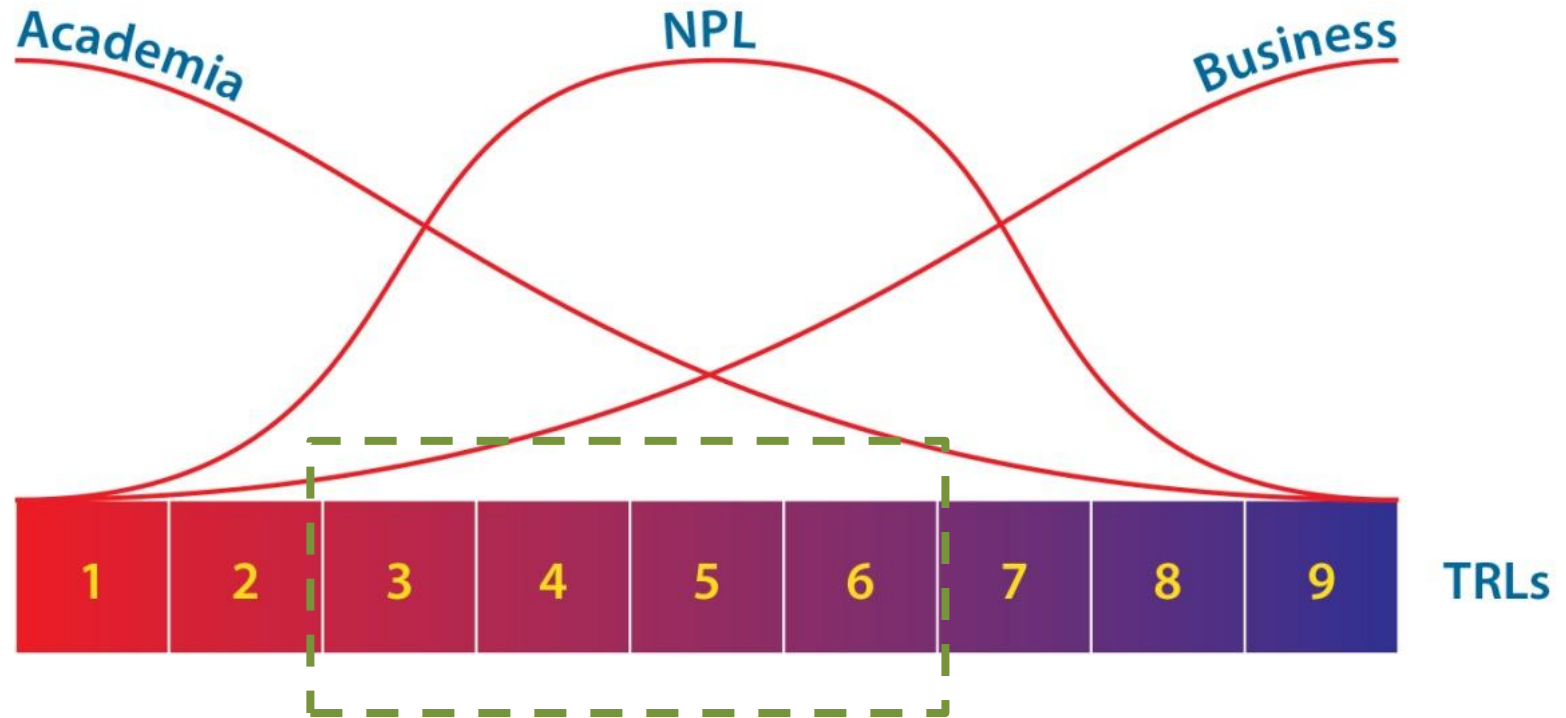
Programme
geared towards
innovative SMEs

Supports through
matched funding

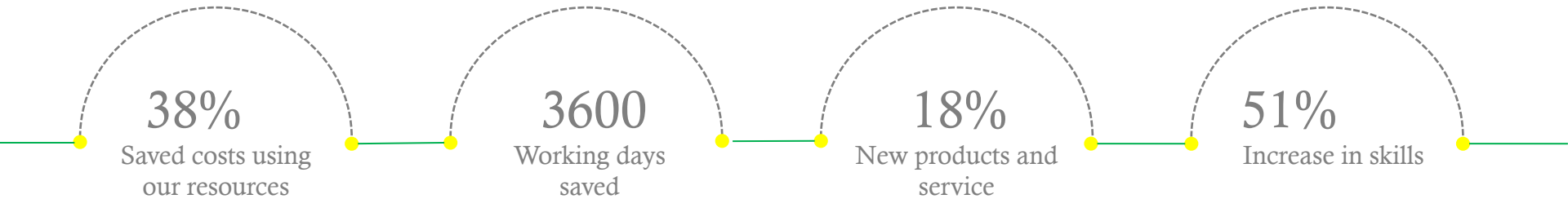
we don't just talk about innovation – we help you do it

Get quick, bespoke support when you need it most

Where does it fit?



Technology Innovation Fund...



Over 250 companies later; NPL has supported industry to innovate, grow and thrive on the global stage.

The programme is open to all UK based SMEs.

we don't just talk about innovation – we help you do it

Get quick, bespoke support when you need it most

National
Measurement
System



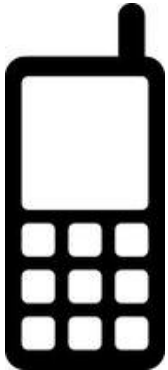
Contact



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