

RenewNet

4th November 2009
Funding Opportunities



University
of Glasgow



What is RenewNet



Renewable Energy and Electrical Engineering technology transfer

Why?

- Scottish natural resources that need to be effectively exploited
- Renewable energy target of 50% by 2020
 - SME support and involvement is essential
 - Innovation and growth = Jobs
- FREDs Skills Group
 - Skill gap for Electrical engineers needed for this to be possible



What is RenewNet



SEEKIT project funded for 3 years

- Co-funded by:
 - Scottish Government
 - Scottish Enterprise
 - University of Edinburgh
 - University of Glasgow
 - University of Strathclyde

4 in the team and 3 Directors

- 2 based in Edinburgh
- 1 based in Glasgow
- 1 based in Strathclyde

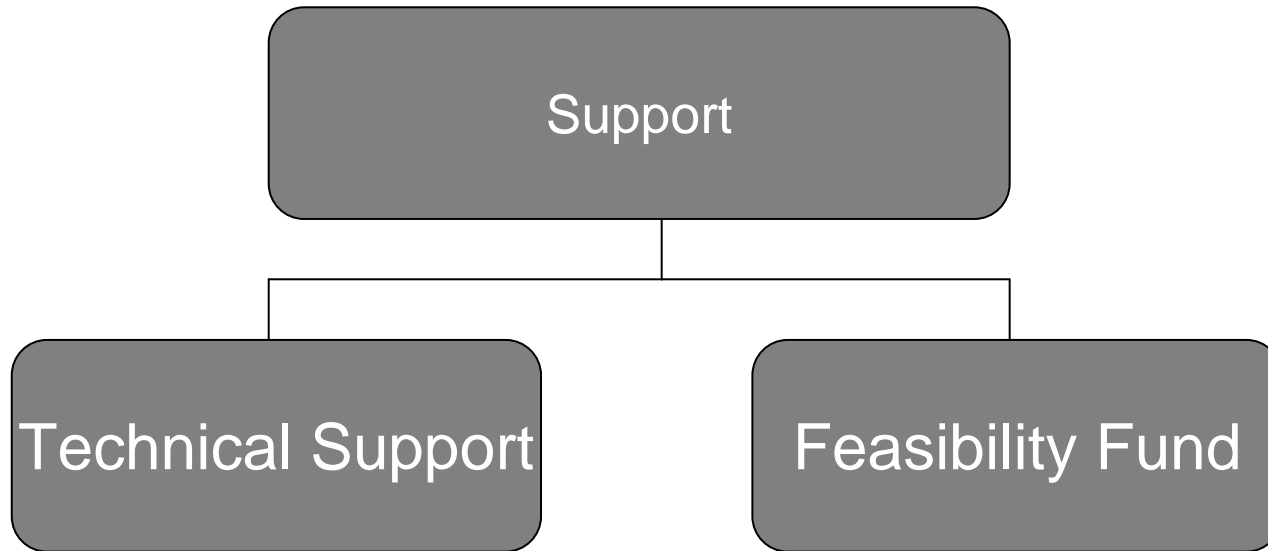


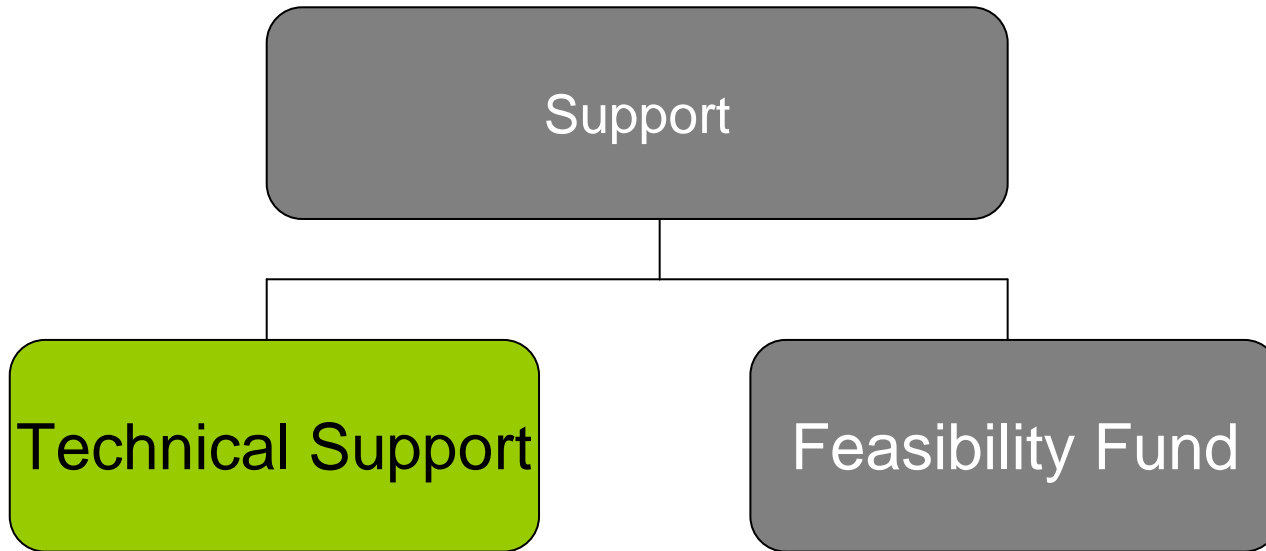
How we do it



- Develop Network
 - Resources
 - Supply, Services, Funding
 - Expertise
 - Academics, Manufacturing
- Support
 - Technical advice
 - Feasibility Fund







Technical Support



- Knowledge Hub - Electrical engineering
 - 5 free days of technical support/advice
 - In house projects
- Purpose:
 - SMEs get quick access to expertise - skills gap
 - Background support
 - funding sourcing and application help
 - supply chain - services, manufacturers

Example 1

Chloride Masterpower

- Developing electronic controller
 - No R&D so needing the expertise
- 3 days support
 - Presented possible design solutions
 - Advice on each design
 - Development roadmap



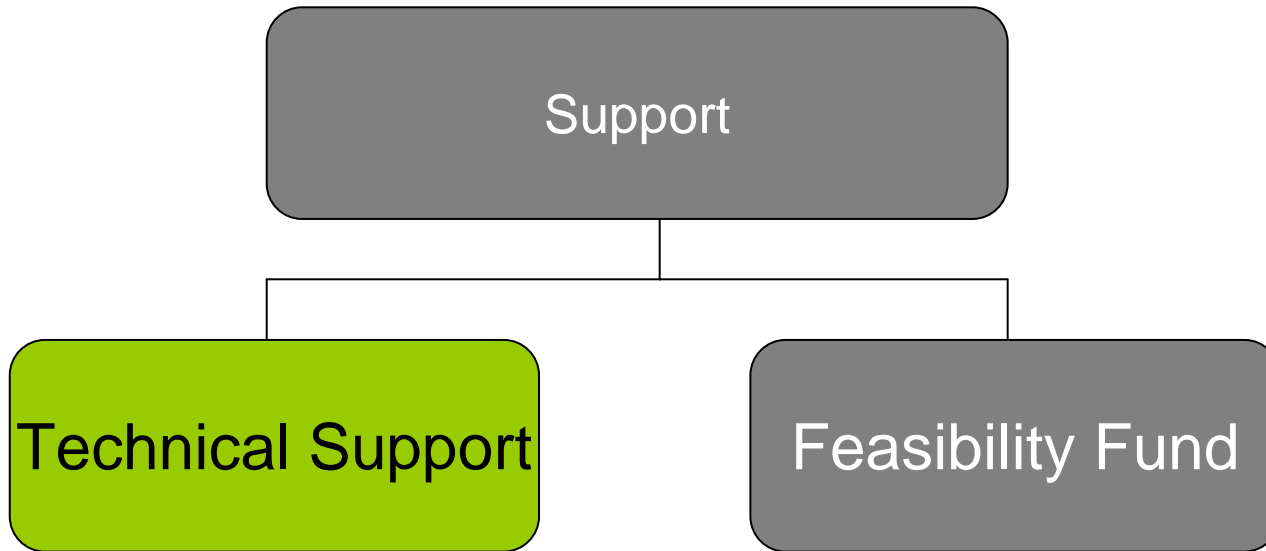
Example 2

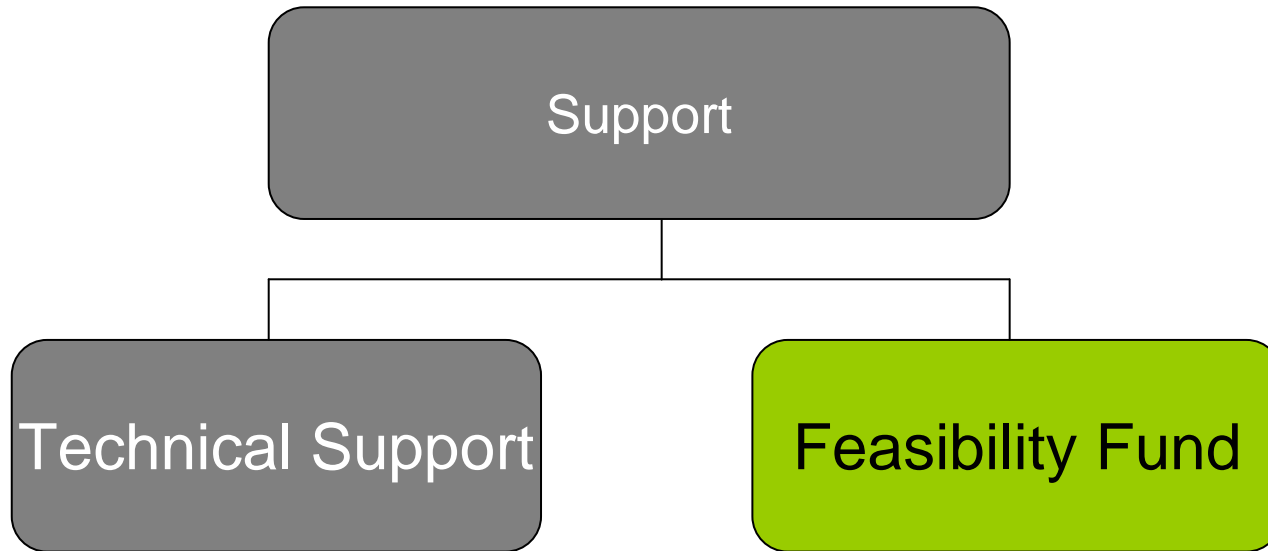
Zi-lift,

Sensorless motor control

5 days support

- Literature search for possible solutions
- Advice on what's feasible and limitation
- Project plan
- Funding sourced for continuation
 - Strathclyde Links (£10k)





Feasibility Project



The projects:

- Up to £5000 per project
- SME matched with Academic
- Typically 1 day a week for 5-6 weeks

Purpose:

- Quick route to get projects moving
- New to University collaboration
- Gather evidence for larger funding



Example 1

Macom

- Sensor development for wind turbine gearboxes
 - Fluid Dynamics and electronics problem
 - Matched with University of Edinburgh

Awarded £5000

- Company contributed with £4000
- Phase 2 on hold – possible KTP
- New Project in pipeline



Example 2



Sgurr Energy

– Software and experimentation validation

- Limited with commercial software
- Matched with Heriot-Watt University

Awarded £5000

- Company contribution of £2500
- High chance of KTP or EPSRC



Overview



- Continually growing network
 - Resources
 - Expertise
- Support
 - Technical Assistance – 5 days free
 - Feasibility Fund - £5000



Thank You

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