Programme Name	Lead Delivery Organisation (also inc funder if different)	(Brief) Outline Description Including Objectives	Manufacturing Thematic Area/Sector	Geographic area or pan-Scotland	Duration and Status (i.e. live or pipeline)	Links to other programmes (if known) inc MRP SCC Alignment	Any other relevant information identified	Further Information (website)
Advanced Manufacturing Cluster Builder	CeeD (AMCF)	Provides free support, advice and consultancy services and access to high spec. manufacturing equipment through the AMCF projects and NMIS, as well as enabling collaborations with industry and access to other economic development agencies	Cross Sectoral	Scotland	Live	Linked to AMCF projects		advancingmanufacturing.co.uk
industrial Decarbonisation Research and Innovation Centre	Heriot Watt (UKRI IDC)	The vision of IDRIC is to become a world-leading, high-impact research and innovation centre, acting as the national focal point and international gateway for UK industrial decarbonisation research and innovation. IDRIC's strategic objectives are to: accelerate challenge-led research through transformative innovation; develop leadership by nurturing talent, building capacity and mapping skills; co-create and share knowledge by stimulating cross-learning, active networks and outreach; support policy and mission advocacy by providing evidence to policy makers and the public.	Decarbonisation	Scotland (as part of UK programme)	Live (in launch period)	Linked to UKRI IDC projects including two Scottish projects		idric.org
Sustainable Mobility Cluster Builder	Urban Foresight	Provides businesses with bespoke support and access to funding to pursue opportunities across the Sustainable Mobility Sector.	Transport	Scotland	Live			urbanforesight.org/projects/cluster builder/
Energy Technology Partnership	ETP is the Scottish academic research pool in energy	Funding has been secured from the Scottish Government, Scottish Enterprise and ETP Member Universities to continue the Knowledge Exchange Network (KEN) that is focussed on supporting company development. ETP works across all renewable energy sectors and is a bridge between universities and industry, it is ideally positioned to help companies network with customers, suppliers and collaborators.	Energy	Scotland	Live			www.etp-scotland.ac.uk
		Our team business development professionals across ETP's member universities' nine thematic areas to help support the technology development needs of Scottish businesses.						
rechX	Net Zero Technology Centre	Award-winning programmes provide clean energy start-ups and early-stage businesses with the tools, support and resources they need to grow, with the aim of accelerating the transition to an affordable net zero	Energy	Scotland (as part of UK programme)	Live			www.netzerotc.com/techx- programmes/overview/
TORCH	The Data Lab	energy industry. The TORCH Business Advisory Service is designed to support businesses that are already leveraging their data, but want to take those next transformational steps. The Data lab experts and specialist supplier organisations translates their strategies into practical actions, using the methods and technologies most suited to their needs.	Data	Scotland	Live			www.thedatalab.com/support-to- innovate/torch/
Ayrshire Engineering Alliance	Ayrshire Engineering Alliance	Ayrshire Engineering Alliance (AEA) is a forum for the Ayrshire Engineering sector to access support from industry, academia and the public sector facilitating discussion, collaboration and communication to promote growth	Cross Sectoral	Ayrshire	Live			http://avrshireengineeringalliance.co uk/support/#collaboration
tail Cluster Builder	Scottish Engineering	The rail cluster will link Scottish SMEs with rail manufacturers, contractors, academics and research centres across the country to identify more environmentally friendly track and train solutions.	Transport- Rail	Scotland	Live			www.scottishengineering.org.uk/raild uster/
Aerospace Innovation Centre	Spirit AeroSystems	The Spirit AeroSystems Aerospace Innovation Centre (AIC) will showcase Spirit's distinctive capabilities as a global centre for design, digital manufacturing of current and future aircraft. The AIC will create a focal point to collaborate, innovate, train and develop skills for today and tomorrow.  Develop advanced architectures and manufacturing concepts to enable the anticipated requirements of future aircraft for performance, cost and rate Secure a step change in composite fabrication, automation and assembly technologies by fully exploiting the digital thread through the entire production process Form the first ship set introduction Re-engineer the end to end process to collapse the development lifecycle Engage and collaborate with our industrial, research, academic and supply chain partners around an 'open access' philosophy	Transport - Aerospace	Scotland	Live			www.spiritaero.com/programs/resear h-technology/research-centers/
Make it Smart Hub	CSIC (AMCF)	The Make It Smart Hub is a free-to-use resource connecting the Highlands and	Construction	Highlands and	Live			www.cs- ic.org/innovationcentre/innovation-
		Islands community with up-to-date training, equipment and business opportunities.						support/the-make-it-smart-hub/

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		Including Objectives	Thematic Area/Sector	pan-Scotland	(i.e. live or pipeline)	known) inc MRP SCC Alignment	information identified	,
i-Con	CSIC	i-Con is an initiative created to assist the built environment sector during the global crisis.	Construction	Scotland	Live			www.cs- ic.org/innovationcentre/innovation- support/i-con-recovery-through- innovation/
		It provides resources that address challenges faced by the sector to aid recovery and build resilience for a better future through innovation.  Access to current funding opportunities A platform to match challenge holders with solution providers A rich programme of virtual events aimed at A rich programme of virtual events aimed at						
Circular Economy Business Support	zws	sharing knowledge and experiences Links to other resources available to industry provided by our wide network A catalogue of useful learning and skills resources The Circular Economy Business Support Service delivers tailored, expert, one-to-one	Cross Sectoral	Scotland	Live (currently closed to applications)			ceaccelerator.zerowastescotland.org.u k/services-tools/business-support-
		consultancy directly to small and medium- sized businesses across all sectors in Scotland. It's designed to help companies explore			,			service/
		more circular ways of doing business that can result in resource efficiencies, improved profitability, higher quality products, increased customer base and alternative supply chains for your business.						
Circular Economy Investment Fund	ZWS (ERDF Funded)	Proposals are invited from: Small to medium sized enterprises (less than 250 employees/turnover less than €50 million); Non-profit organisations (charities and social enterprises). ZWS is interested in: Exploring markets for new circular economy products;		Scotland		Resource Efficiency Circular Economy Accelerator Programme		www.zerowastescotland.org.uk/circula r-economy/investment-fund
		Development and adoption of innovative business models for new circular economy products and services; Development and uptake of innovative technologies, products and services to support a circular economy. Focused on impacts in: Built environment;						
		Food systems; Bioeconomy Energy infrastructure; Heat and energy Waste.						
Forth and Tay Offshore Custer	Offshore Wind Scotland	Forth and Tay Offshore represent supply chain businesses from across Scotland. Our aim is to: Develop & promote the regional supply	Energy - Offshore wind	Forth and Tay	Live			www.offshorewindscotland.org.uk/for th-tay-offshore/
		chain Support Forth & Tay entities to maximise & compete for UK-wide & international opportunities Attract & retain inward investment within offshore wind sector Work with regional further & higher						
		education institutions Maximise supply chain & employment opportunities in the Forth and Tay Offshore Cluster Invest in value-added infrastructure						
DeepWind Offshore Wind Cluster	Offshore Wind Scotland	In order to increase the competitiveness and productivity of the offshore wind supply chain in Scotland DeepWind will work closely with a number of bodies to maximise the involvement of cluster members in new initiatives to achieve these aims. This also includes programmes to encourage innovation in the supply chain to create vital new products and services for the rapidly expanding offshore wind market in Scotland.		Scotland	Live			www.offshorewindscotland.org.uk/de epwind-cluster/supply-chain- development/
Supply Chain Aerospace	South Ayrshire Council (AMCF)	The Supply Chain Aerospace project provides support for Small or Medium-sized Enterprises (SMEs) to help them enter the aerospace and space sectors. SMEs are helped to improve their productivity and competitiveness through the introduction of innovative manufacturing technologies, via the National Manufacturing Institute Scotland (NMIS).  Supply Chain Aerospace also works with Original Equipment Manufacturers (OEMs) and Tier One suppliers to identify supply chain opportunities for SMEs to join the aerospace and space sectors, or grow their contribution. Businesses can be supported throughout this process, to make sure they take full advantage of all available opportunities.		South West Scotland	Live until December 2022			am-aerospace.co.uk/sca/
Market Driven Supply Chains	Scotland Food and Drink	MDSC is designed to help unlock some of the biggest and most lucrative market opportunities for the Scottish food and drink sector. A unique team with expertise in supply chains can help businesses and sectors add value throughout the chain and deliver what the markets want.	Food and Drink	Scotland	Live			www.foodanddrink.scot/how-we- help/industry-leadership/supply- chain/

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scout	CPI (AMCF)	Companies will be connected to new networks and supply chains to encourage partnerships and can attend innovation clinics with a focus on technology and business challenges.	Chemical or Biochemical	Scotland	Live			www.uk-cpi.com/scout
		The project can support companies to overcome the challenges they face including:						
		Mapping a path to commercialisation. Support with growth challenges by providing a clear plan, new networks and knowledge from industry experts. Making links for SMEs to parallel supply chains and increase partnerships for regulatory, process technology and digital companies. Support to overcome barriers to R&D						
Scottish Cluster	Pale Blue Dot (BEIS: Cluster sequencing for carbon capture, usage and storage (CCUS) deployment)	linvestment. The Scottish Cluster has the opportunity to deliver over 20,600 jobs at its peaks, and cascading supply chain benefits through the development of a cluster of decarbonisation projects led by a cross-sector group of industrial COS ources and the Acorn Carbon Capture and Storage ("CCS") and Hydrogen Project partners.	Decarbonisation	Scotland	In Pipeline			www.backthescottishcluster.co.uk/the- scottish-cluster-supply-chain
SeedPod	Opportunity North East	It will help established companies accelerate growth through innovation and technology adoption, market and product development, global consumer focus and provide start-up production space and development facilities for high-growth new businesses.	Food and Drink	North East Scotland	In Pipeline			www.opportunitynortheast.com/food- drink-agriculture/seedpod
ВіоНиь	Opportunity North East	BioHub will deliver a unique combination of facilities, networks and support programmes to help business leaders, academics and clinicians to realise their commercial ambitions. BioHub will provide:  laboratory space bespoke to the business and its plans for growth; office space that places companies in the heart of the life science cluster; incubation facilities that support spinouts and early-stage business models; hot desk and co-working space, alongside collaboration and meet up areas; the centre for sector-specific commercial training workshops and accelerator programmes in north east Scotland; and a place where academics and researchers can connect to the commercial world and access the business start-up support that they need.	Life Sciences	North East Scotland	In Pipeline			www.opportunitynortheast.com/life- sciences/bio-hub
MaaS Scotland (Scottish smart mobility cluster)	ScotlandIS/ Technology Scotland	MaaS Scotland is the focal point for Mobility as a Service (MaaS) activities in Scotland, establishing a formal network for the vibrant Scotlish MaaS eco-system, and facilitating initiatives that will deliver the benefits of this transformational opportunity to Scotland.  A joint venture, operated by Technology Scotland and ScotlandIS, the group has made significant progress as it approaches 4 years of operation, growing to a membership of over 70 public and private sector organisations from across the MaaS supply chain making it the largest network of its kind in Europe.	Transport - smart Mobility	Scotland	Live			maas-scotland.com/about-maas- scotland/
NMIS SME Engagement Team	NMIS	The SME Engagement Team of NMIS is a newly formed 8 member-strong subunit of the Commercial Team of National Manufacturing Institute Scotland (NMIS) aimed at delivering support to manufacturing SMEs in Scotland	Cross Sectoral	Scotland	Live unit 2023			
Additive Manufacturing - Business and Technology Support	NMIS (AMCF)	A team of experts is on hand to offer free knowledge and support to Scottish-based SME's, micro-companies, sole-traders, and start-ups that may be exploring the potential opportunities and, are learning how to navigate through the challenges of implementing additive manufacturing in their business.	Cross Sectoral	Scotland	Live			www.nmis.scot/collaborative- projects/additive-manufacturing- business-technology-support/
Smart Factory Innovation Hub testbed	MNIS/ HVM Catapult	The Smart Factory Innovation Hub testbed at the National Manufacturing Institute Scotland (NMIS) brings together specialist technology providers and manufacturers to harness manufacturing data and highlight the accessibility of Industry 4.0 for companies of all sizes.	Cross Sectoral	Scotland	Live			www.nmis.scot/collaborative- projects/smart-factory-innovation- hub/

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Precision Medicine Ecosystem for Scotland	Precision Medicine Scotland Innovation Centre	PMS-IC brings together industry innovators, clinicians and world-class researchers to collaborate on Precision Medicine opportunities. PMS-IC's focus is on linking Scotland's domain expertise, data assets and delivery capability to accelerate the adoption of Precision Medicine: new products and services for a global market.	Precision Medicine	Scotland	Live			www.precisionmedicinescotland.com/ about.pms/
Interface	Interface (SFC)	Interface - The knowledge connection for business is a central hub connecting organisations from a wide variety of national and international industries to all of Scotland's universities, research institutes	Cross Sectoral	Scotland	Live			www.interface-online.org.uk
Bioeconomy Cluster Builder Project	IBioIC (KTN/ ERDF)	and colleges  The Bioeconomy Cluster Builder (BCB) is a three-year project to introduce the benefits and applications of biotechnology to new sectors and markets in Scotland.	Biotechnology	Scotland	Live			www.bioeconomybuilder.com
Scale Up Accelerator	IBIOIC (KTN/ ERDF)	This open call for projects gives SMEs the unique opportunity to develop, optimise and scale-up their bioprocesses in partnership with the IBioIC Scale-Up Team, utilising specialist equipment within our Bioprocessing Scale-Up Centres at Heriot Watt University and the University of Strathclyde.	Biotechnology	Scotland	Live			www.ibioic.com/funding-calls- database/scale-up-accelerator-project- call-for-smes
CENSIS	University of Glasgow (SFC, HIE and SE)	CENSIS is a not-for-profit Innovation Centre established to support private businesses and public sector organisations to accelerate the pace of innovation by exploiting sensing, imaging and internet of Things (loT) technologies.  In taking advantage of these enabling technologies, you will gather real-time information to help you make better informed business decisions to:  Develop new products and services improve competitiveness, cost reductions and profitability.	Cross Sectoral	Scotland	Live			censis.org.uk
Medical Device Manufacturing Centre	Heriot Watt (AMCF)	Acts as a portal to provide medical device developers and manufacturers with the advice, technical expertise, and facilities essential for companies that are seeking to translate medical device concepts to commercial products. Mission is to provide expert advice on manufacturing, engineering, regulatory issues and funding, coupled with technically supported access to manufacturing facilities	Medical Devices	Scotland	Live			mdmc.hw.ac.uk
Medicines Manufacturing Innovation Centre	СРІ	Companies of all sizes will be able to use the facility to evaluate, test and prototype processes using an array of advanced Industry 4.0 manufacturing technologies, including continuous, digital and autonomous manufacturing	Medicines	Scotland	In Pipeline			www.uk-cpi.com/about/national- centres/medicines-manufacturing- innovation-centre
North Lanarkshire Manufacturing Innovation Hub	North Lanarkshire Council (AMCF)	The North Lanarkshire Manufacturing Innovation Hub will provide practical, industry-specific business support to help manufacturing SMEs grow. It will be located at the College's Motherwell Campus within the faculty of Engineering and Automotive and include:  A state-of-the art Robotics and Automation Training Facility with easily transportable universal collaborative robots (inc. six-axis robotic arms with adaptive grippers), polyscope software, mechatronics systems with power line communication, and industry 4.0 technology.  A dedicated Hub space for manufacturing SMEs to meet, learn, and access industry-specific business support and academic/partner agency expertise. The space will comprise hot desks, meeting rooms and digitally enabled conferencing facilities.	Cross Sectoral	Greater Glasgow and the Clyde Valley	Live			www.northlanarkshire.gov.uk/busines s/smart-hub-lanarkshire
Advanced Innovative Manufacturing in the South of Scotland	Dumfries and Galloway Council	The project is for manufacturing SMEs in the South of Scotland and will provide access to advanced manufacturing technologies. The project will focus on supporting SMEs who have potential new products to develop them for market as well as upskilling the workforce and encouraging innovation	Cross Sectoral	Dumfries and Galloway and Scottish Borders	Live			
Aerospace Digital Visualisation Suite	South Ayrshire Council (AMCF)	The Aerospace Digital Visualisation Suite is a superb resource available to the West of Scotland – including Ayrshire & Arran and Dumfries & Galloway – offering Small or Medium-sized Enterprises (SMEs) access to innovative XR technology, helping them enter or expand their presence in the aerospace sector.  Using cutting edge Extended Reality (XR) – Virtual Reality (YR), Augmented Reality (AR) – and digital visualisation, the ADVS helps companies to innovate, develop skills and improve productivity. The services of the ADVS are available to eligible SMEs at no charge.	Aerospace	Ayrshire & Arran and Dumfries & Galloway	Live			am-aerospace.co.uk/advs/

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Eden Campus Energy Demonstrator	University of St Andrews (AMCF)	The project is for SMEs working in energy storage and conversion, providing scale-up facilities for R8D to early prototyping and proving technology before moving to large scale manufacture. SMEs will have access to university know-how and expertise, and high quality equipment for test and demonstration purposes.	Energy	Fife	Live			
Advanced Manufacturing in the West Highlands	West Highland College UHI (AMCF)	The project is for SMEs across all sectors and will provide access to advanced manufacturing technology for test and demonstration purposes and expertise in a sandpit environment. It will support SMEs to innovate and grow their businesses by adopting new technologies and improving	Cross Sectoral	The Highlands	Live			
Location Data Scotland	Optimat (SE, Scot Gov and Geospatial Commission)	processes. Location Data Scotland aims to establish an inclusive geospatial community across Scotland to unlock the value in location data. It will connect, inform and facilitate collaboration between industry, academia, public and third sector, across multiple sectors, to drive innovation, unlock skills and enable economic growth	Geospatial	Scotland	Live			www.optimat.co.uk/lds/
Local Energy Systems Scottish Industry Network	Energy Systems Catapult/ ETP (SE, HIE)	Scottish industry and energy sector members will be supported via LESSIN to: Help build Local Energy Systems consortiums and attract investment for successful demonstration of commercial projects, at scale, in Scotland and internationally Make connections within a dedicated online network collaboration space Provide a greater understanding about the changes to future energy markets, local energy systems integration and energy transition to Net Zero GHG emissions Share industry challenges and identify opportunities Help share your learning with the Local Energy Systems Help collaborative ways of working across the industry and sectors Provide direct SME business development support via 1:2:1 business development surgeries	Energy	Scotland	Live			es.catapult.org.uk/impact/projects/loc al-energy-systems-Scottish-industry- network/
Blue Economy Cluster Builder  Transforming Net Zero	Aquatera Ltd, Caelulum Ltd, OGTC (ESIF)  Abertay University (LCCF)	The Blue Economy Cluster Builder provides an inclusive and free-of-charge service to ensure that Scotland's SMEs are positioned to gain the optimum share of market growth. Get involved if you want to stay in the know on the latest news and information on they key sectors of Scotland's Blue Economy.  Transforming net zero will use Abertay's leading food innovation, environment and computer games expertise to stimulate and improve SME innovation, preparing for new market opportunities as a result of climate emergency and drive towards net zero emissions.	Blue Economy  Food and Drink	Scotland  Lowlands and Uplands	Live (3 year project)			www.scottishblueeconomy.co.uk
		The project will focus on low carbon innovation in the waste energy food nexus (sustainable food production, supply chain, secondary manufacturing, food waste, construction waste, carbon sequestration, value from waste and energy). It supports SMEs to provide novel solutions for zero waste with joint collaborations between academic and industrial partners.						
Translating Hydrogen into Action	University of St Andrews- Hydrogen Accelerator/ University of Strathclyde (LCCF)	This project will facilitate the realisation of Scotland's hydrogen future though stimulating innovation in SMEs who are operating in the hydrogen space, including companies working in the manufacture of fuel cells, chemical processes and energy systems.  Through this project, Scotlish SMEs will receive support to develop new and existing technologies by way of expert academic advice on technology and safety and allowing access to specialised testing equipment.	Hydrogen	Scotland, with focus on Fife and Tayside	Live			h2-accelerator.wp.st- andrews.ac.uk/working-with-industry/
Supply Chain Development for Lifetime Extension and Reuse	University of Strathclyde, Scottish Institute of Remanufacturing, MMIS, South Ayrshire Council, East Ayrshire Council, South Lanarkshire Council	This initiative targets three key sectors: aerospace, rail and renewables and addresses the challenges around life extension and repurposing of assets. It will focus primarily on engaging SMEs who traditionally have had some or little involvement in the identified sectors and supporting their journey from opportunity identification to technical capability demonstration	Aerospace, Rail and Renewables	Scotland with focus on East and South Ayrshire, South Lanarkshire and Glasgow	Live			
Scottish Institute for Remanufacturing	University of Strathclyde (SFC and ZWS)	The Scottish Institute for Remanufacturing (SIR) is an innovative hub of expertise connecting companies with academia to find sustainable and effective solutions to manufacturing problems. It draws expertise from centres of excellence through its unique links to world class remanufacturing specialists.	Cross Sectoral	Scotland	Live			www.scot-reman.ac.uk

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Co-innovate	Scottish Enterprise, Highlands and Islands Enterprise (EU INTERREG Programme)	The programme, which is set to target manufacturing and tradable services SMEs with export potential, will provide education and capability support tailored to meet the needs of all participating organisations. It has the primary aim to increase the number of businesses actively participating in cross-border, transational or interregional research projects and give SMEs and microbusinesses access innovation capability development and help to implement enhanced R&I activity.	Cross sectoral	Western Scotland (Dumfries & Galloway, East Ayrshire and North Ayrshire mainland; South Ayrshire; Lochaber. Skye & Lochalsh, Arran & Cumbrae and Argyll & Bute and Eileen Slar/Western Isles)	Live			co-innovateprogramme.eu
Tay Cities Region Engineering Partnership	Perth and Kinross Council (Scot Gov)	To support innovation and R&D for existing manufacturing companies, the project will offer cost-effective product prototyping and testing, as well as low-mass production and specialist incubator and product development support.  TCEP will drive the transformation of manufacturing processes needed to ensure the sector remains competitive, such as the implementation of robotics and artificial intelligence; increased internationalisation; increased productivity; research and development and skills development. It will achieve this by increasing the profile of engineering as a career opportunity, developing training	Cross sectoral	Tay Cities region		Tay Cities Region Deal		www.tayecovalley.org.uk/tay-cities- region-engineering-partnership/
Mountain Bike Centre of Scotland (MTBCOS)	Edinburgh Napier University (Scot Gov, SE, SFC, Developing Mountain Biking in Scotland)	nlaces, and nonvidino husiness, sunnort From market research to product development, knowledge transfer, testing and product launches, MTBCoS assist businesses to capitalise on one of Scotland's fastest growing adventure sports. MTBCoS is a centre for open innovation and has an extensive partnerships network which allows companies, both product and service based, access to national and international markets.	Transport - Mountain Bike	Scotland	Live			mtbcos.co.uk
European Marine Energy Centre	European Marine Energy Centre	EMEC is best known as the world's leading facility for testing and validating wave and tidal energy devices in the sea. However operations have developed significantly through the years as it has gained unprecedented experience in demonstrating ocean energy technologies, and providing technical and business support to clients. EMEC provides demonstration, technical and commercial support to five technology sectors: wave, tidal, floating offshore wind, hydrogen and energy systems.	Energy and Hydrogen	Scotland	Live			http://www.emec.org.uk/