

Untitled

Current run (last updated Mar 18, 2022 3:33pm)

4

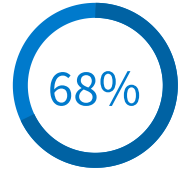
Activities

68

Participants

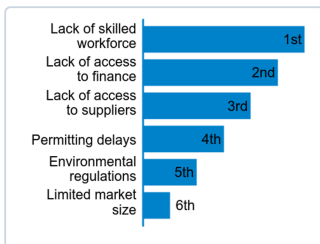
51

Average responses



Average engagement

11) What challenges stop you from expanding production domestically? Rank them in order.



Response options

Rank



Engagement

Lack of skilled workforce

1st

Lack of access to finance

2nd

Lack of access to suppliers

3rd

Permitting delays

4th

41

Responses

Environmental regulations

5th

Limited market size

6th

12) In 5 words or less: What is the single most important thing the U.S. government can do to make it possible for U.S. companies to compete with the companies that currently dominate the lithium-ion supply chain?

" As long a cost is only criterion, not sure. "

" Create manufacturing zones that environmental and permitting already solved "

" lack of US supply base "

Responses

As long a cost is only criterion, not sure.

Create manufacturing zones that environmental and permitting already solved

lack of US supply base

Pick scale winners, support disrupters

Clear demand signal

"regulations on imported batteries"

Allow mid-sized companies to participate with smaller grants

Remove barriers - regulatory, workforce, consistent policy

permitting

Funding for production in the US is difficult to raise and the matching will be difficult for smaller companies based on the project size

IP protection

consistent long-term investment/education/strategy/policies

Responsible funding that protects the taxpayers

Subsidy and training of workers

Invest/Funding for Small Companies

Develop the US EV market through regulation; like China has done.

A lot of money

Relax regulations

Support for IP generation and protection of the IP

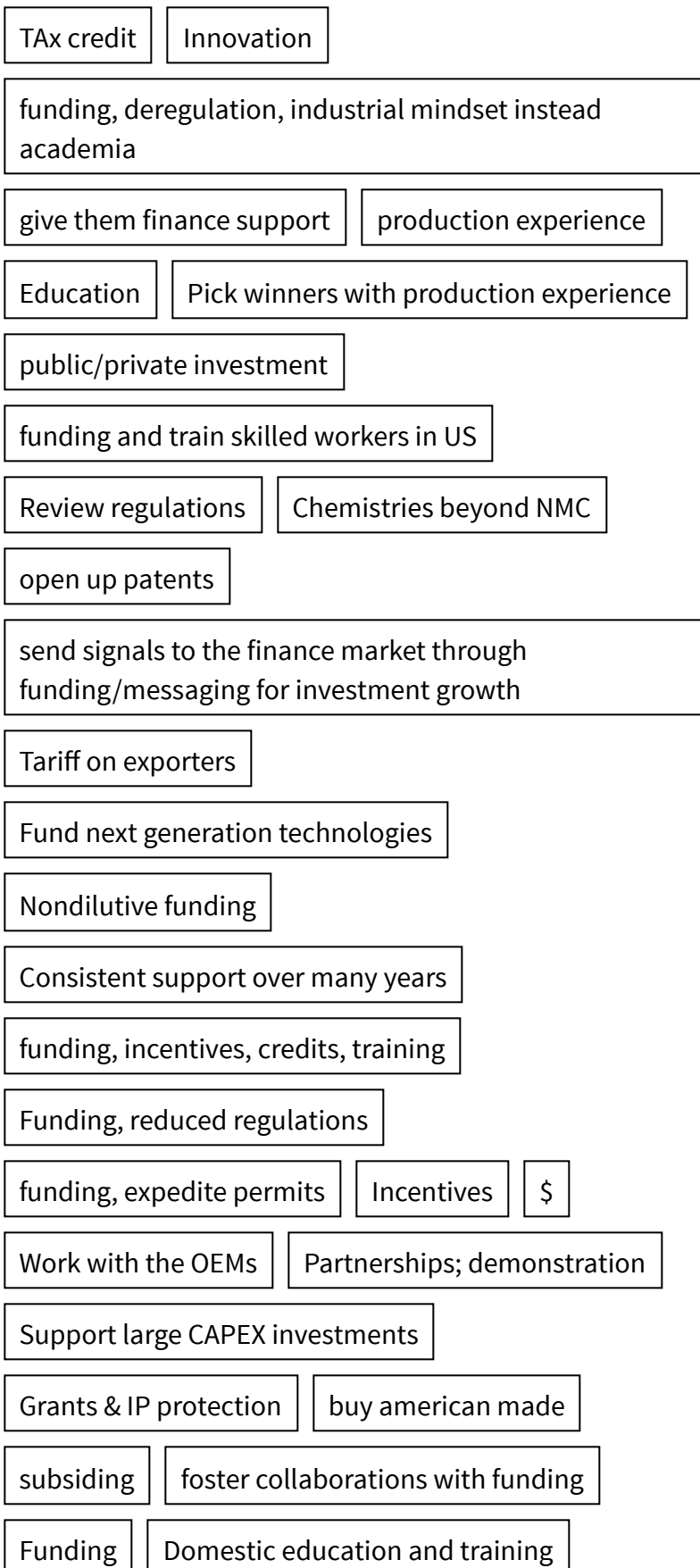


Engagement

56

Responses

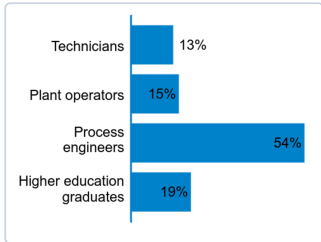
Responses



Responses

Investment Funding funding Funding!
regulation P

15) Where do you see the biggest skills gap for a robust domestic battery industry?



Response options

Technicians
Plant operators
Process engineers
Higher education graduates

Count Percentage

7 13%
8 15%
29 54%
10 19%



Engagement

54

Responses

17) In less than 2 sentences: what policies are needed to ensure that we have a skilled domestic workforce (e.g., fast track accreditation of new vocational courses)?

" Training and education "

" You should allow \$ for workforce training, etc. in the proposal "

" incentives colleges and universities to train needed skills "

Responses

Training and education

You should allow \$ for workforce training, etc. in the proposal

incentives colleges and universities to train needed skills

community colleges

public private partnership

training

Build a Sematech Version of Batteries

Enriched work/study programs

Relevant courses in engineering, manufacturing and quality

Invite graduate from other disciplines

support for community colleges to develop battery-relevant skillsets

coordinate with schoolboards to influence the inclusion of STEM at the high school level

Think in the long term and emphasize technology education as early as possible. Develop university and community college curriculum focused on relevant technologies.

A "Battery Engineering" Degree encompassing chemical, mechanical, electrical, electrochemical engineering, and manufacturing.

increase standard of high school education for basics

investment in votec programs and collaboration with technical universities

re-educate displaced workers from other industries

Government/university backed and run advanced toll manufacturing facilities

63%

Engagement

52

Responses

Responses

Start training at high school level

Revise department curricula to include the right combination of engineering disciplines!

Fund of critical skill co-op and

collaboration with high schools, and vocational schools.

Training at national labs

STEM education in public elementary and middle schools

education , collaboration b/w industry and universities

Sustained dialogue between employers and trainers, coordination across government institutions, employment services and performance, labor market information...

visas

Vibrant local industry offering attractive jobs

Strong collaboration between industry and academia.
No pie in the sky research

Funding dedicated to support internship

Long-term work guarantees w/benefits

Electrochemistry education

Offer courses and evening classes at community colleges

Increase number of apprenticeships, stem education high school on up

establish education tracks for battery (technicians and engineer levels)

Incentivize academia and students

Foster interest and valuation of STEM

Responses

Retrain skilled workers from industries being phased out.

Tuition support for specific studies / degrees

STEM support at High School and CC levels

community college STEM training

Technical schools for training battery technicians

Relaxed VISA requirements

scholarships

funded co-op programs working directly with industry

Stimulate more interest in elementary and middle school

Open source curriculum for voctec

collaboration with pioneer universities

Funding to Community colleges or vocational colleges

Tuition support for relevant STEM higher education

Ongoing accreditation/updated education courses

education, funding