



Rep. Lance Yednock

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LRB102 10886 HLH 37971 a

1 AMENDMENT TO SENATE BILL 1693

2 AMENDMENT NO. _____. Amend Senate Bill 1693 by replacing
3 everything after the enacting clause with the following:

4 "Article 1. Industrial Biotech Partnership Act

5 Section 1-1. Short title. This Act may be cited as the
6 Industrial Biotech Partnership Act.

7 Section 1-5. Purpose. Illinois will actively pursue
8 expansion of the industrial biotechnology and biorenewables
9 industry. This growing field closely aligns with several key
10 industries that the State is pursuing through the 2019 "Plan
11 to Revitalize the Illinois Economy and Build the Workforce of
12 the Future", such as agriculture, agriculture technology, life
13 sciences, healthcare, and manufacturing. Illinois is well
14 positioned to lead the nation with ample feedstocks, dedicated
15 research facilities, specialized job training programs, and an

1 existing manufacturing base required to lead this industry.
2 Modifications to several existing programs will ensure the
3 State provides the correct aid and incentives to help attract
4 this growing industry.

5 Section 1-10. Definitions. As used in this Act:

6 "Department" means the Department of Commerce and Economic
7 Opportunity.

8 "Industrial biotechnology" means biotechnology focused on
9 new industrial products, such as industrial materials,
10 chemicals and solvents, and feed and food, and new industrial
11 processes. "Industrial biotechnology" does not include health
12 biotechnology (pharmaceuticals), agricultural biotechnology
13 (transgenic crops), or environmental biotechnology
14 (bioremediation).

15 "Partnership" means the Industrial Biotechnology
16 Public-Private Partnership established under this Act.

17 Section 1-15. Industrial Biotechnology Public-Private
18 Partnership.

19 (a) There is hereby established the Industrial
20 Biotechnology Public-Private Partnership as a State-sponsored
21 board consisting of members from State agencies, research
22 facilities, industry, and agriculture, to promote and market
23 Illinois as the leading destination for research, development,
24 and commercialization for industrial biotechnology.

1 (b) The Partnership shall consist of the following
2 members:

3 (1) a representative of the Department of Agriculture,
4 appointed by the Director of Agriculture;

5 (2) a representative of the Department of Commerce and
6 Economic Opportunity, appointed by the Director of
7 Commerce and Economic Opportunity;

8 (3) a representative of the Department of Labor,
9 appointed by the Director of Labor;

10 (4) a representative of the National Corn to Ethanol
11 Research Center, appointed by the Director of Commerce and
12 Economic Opportunity;

13 (5) a representative of the Integrated Bioprocessing
14 Research Laboratory, appointed by the Director of Commerce
15 and Economic Opportunity;

16 (6) a representative of the National Center for
17 Agricultural Utilization Research, who shall participate
18 in a non-voting capacity, appointed by the Director of
19 Commerce and Economic Opportunity in consultation with the
20 Director of the Agricultural Research Service of the
21 United States Department of Agriculture;

22 (7) a representative of an additional State-sponsored,
23 university-affiliated laboratory or research institution
24 conducting industrial biotechnology research, other than
25 the entities described in paragraphs (4) and (5),
26 appointed by the Director of Commerce and Economic

1 Opportunity;

2 (8) a representative of an Illinois agricultural
3 commodity group or farmer organization, appointed by the
4 Director of Commerce and Economic Opportunity;

5 (9) a representative of a grain or oilseed processing
6 company with current facilities located in Illinois,
7 appointed by the Director of Commerce and Economic
8 Opportunity;

9 (10) a representative of a biotechnology company,
10 appointed by the Director of Commerce and Economic
11 Opportunity;

12 (11) a representative of an environmental group
13 committed to biorenewables, appointed by the Director of
14 Commerce and Economic Opportunity; and

15 (12) a representative of a union of operating
16 engineers, appointed by the Director of Commerce and
17 Economic Opportunity.

18 (c) Members of the Partnership shall be appointed within
19 90 days after the effective date of this Act. The Partnership
20 may meet quarterly and may hold its first meeting within 90
21 days after the appointment of all members. At the first
22 meeting of the Partnership, a Chairperson shall be chosen from
23 among the members. Members of the Partnership shall serve
24 without compensation, but may be reimbursed for any expenses
25 incurred in performing their duties.

26 (d) The Department, or a non-profit organization

1 designated by the Department, shall provide administrative and
2 other support to the Partnership.

3 Section 1-20. Duties. The Partnership shall have the
4 following duties:

5 (1) Subject to appropriation and matching private
6 funds as provided in Section 1-25, the Partnership shall
7 develop and direct efforts to attract companies to use
8 existing Illinois facilities for research, development,
9 and pre-commercialization activities. Those efforts may
10 include, without limitation: (i) representing Illinois at
11 biotechnology conferences; (ii) developing promotional and
12 marketing materials in coordination with existing research
13 facilities to encourage the use of Illinois facilities;
14 and (iii) facilitating meetings for companies that are
15 prospective candidates for establishing a presence in this
16 State.

17 (2) Subject to appropriation and matching private
18 funds as provided in Section 1-25, the Partnership may
19 develop programs to encourage emerging research,
20 development, and commercializing biotechnology companies
21 to locate production facilities in Illinois, including,
22 but not limited to: (i) acting as an information
23 clearinghouse for new companies on all State programs and
24 investment incentives; and (ii) working with local and
25 regional economic development groups.

1 (3) The Partnership may provide advice and
2 recommendations to State agencies on the administration of
3 grant programs directed at industrial biotechnology.

4 (4) On or before January 31 of the next calendar year
5 to occur after the last day of any State fiscal year in
6 which the Partnership receives State funding, the
7 Partnership shall submit a report to the Department
8 describing the use of appropriated funds by the
9 Partnership in the State fiscal year for which the funds
10 were allocated. The report shall include, but not be
11 limited to, marketing materials produced by the
12 Partnership, meetings attended by members of the
13 Partnership related to Partnership business, and the
14 hosting of companies visiting this State.

15 Section 1-25. Funding. The Partnership may receive funding
16 through specific appropriations available for its purposes
17 made to the Department. Moneys appropriated to the Department
18 for the use of the Partnership as provided in this Act shall
19 not be disbursed to the Partnership until the Partnership
20 certifies to the Department that it has received at least \$3 in
21 private matching funds for every \$1 so disbursed.

22 Section 1-30. Reports. On or before January 31 of the next
23 calendar year to occur after the last day of any State fiscal
24 year in which the Partnership receives State funding, the

1 Department shall submit to the General Assembly and the
2 Governor a report describing the use of appropriated funds by
3 the Partnership in the State fiscal year for which the funds
4 were allocated.

5 Section 1-35. Rules. The Department shall adopt all rules
6 necessary for the implementation of this Act.

7 Section 1-40. Partnership dissolved. The Partnership is
8 dissolved on December 31, 2025.

9 Section 1-45. Repeal. This Act is repealed on January 1,
10 2027.

11 Article 90. Amendatory Provisions

12 Section 90-5. The Department of Commerce and Economic
13 Opportunity Law of the Civil Administrative Code of Illinois
14 is amended by adding Section 605-1095 as follows:

15 (20 ILCS 605/605-1095 new)

16 Sec. 605-1095. Industrial Biotechnology Workforce
17 Development Grant Program.

18 (a) The Industrial Biotechnology Workforce Development
19 Grant Program is hereby established as a program to be
20 implemented and administered by the Department. The Program

1 shall provide grants for the purpose of fostering a
2 well-trained and well-skilled industrial biotechnology
3 workforce.

4 (b) Subject to appropriation, grants under the Program may
5 be awarded on an annual basis for one or more of the following:

6 (1) industrial biotechnology apprenticeships or
7 apprenticeship programs;

8 (2) industrial biotechnology talent pipeline
9 management programs that emphasize business-oriented
10 strategies to increase workforce competitiveness, improve
11 workforce diversity, and expand a regional talent pool
12 around high-growth industries;

13 (3) industrial biotechnology industry-aligned
14 credential (digital badging) expansion programs to
15 increase the number of workers with in-demand skills
16 needed to obtain a job or advance within the workplace and
17 for merging competency-based education with responsive
18 workforce training strategies; and

19 (4) high school and community college industrial
20 biotechnology career pathway and pre-apprenticeship
21 program development.

22 (c) To be eligible for grants provided under the Program,
23 an entity must be either: (i) a State-sponsored,
24 university-affiliated laboratory or research institution
25 conducting collaboratives or for-hire research in the
26 development of biorenewable chemicals, bio-based polymers,

1 materials, novel feeds, or additional value-added
2 biorenewables; or (ii) a State-accredited university or
3 community college. An eligible entity must establish that it
4 plans to use grant funds for a purpose specifically provided
5 under subsection (b).

6 (d) On or before January 31 of the next calendar year to
7 occur after the last day of any State fiscal year in which the
8 Department of Commerce and Economic Opportunity receives State
9 funding for the Program under this Section, the Department of
10 Commerce and Economic Opportunity shall submit an annual
11 report to the General Assembly and the Governor on the use of
12 grant funds under the Program. The report shall include, but
13 not be limited to: (i) the disbursement of grant funds,
14 categorized by eligible entity; (ii) the number of persons
15 enrolled in or taking advantage of a program established or
16 maintained using grant funds; (iii) the number of persons
17 completing a program established or maintained using grant
18 funds; and (iv) the number of person gaining employment in the
19 industrial biotechnology industry following completion of a
20 program established or maintained using grant funds.

21 (e) The Department shall adopt all rules necessary for the
22 implementation and administration of the Program under this
23 Section.

24 Section 90-10. The State Finance Act is amended by adding
25 Sections 6z-130 and 6z-131 as follows:

1 (30 ILCS 105/6z-130 new)

2 Sec. 6z-130. Industrial Biotechnology Human Capital Fund.

3 (a) The Industrial Biotechnology Human Capital Fund is
4 created as a special fund in the State treasury and may receive
5 funds from any source, public or private, including moneys
6 appropriated for use by the Department of Commerce and
7 Economic Opportunity and laboratories and institutions
8 conducting industrial biotechnology research. Subject to
9 appropriation, the Industrial Biotechnology Human Capital Fund
10 shall receive moneys from the General Revenue Fund until June
11 30, 2025. Each eligible entity receiving a grant under this
12 Section shall, as a condition of receiving the grant,
13 contribute moneys to the Fund as part of a cost-sharing
14 agreement between the grantee and the Department of Commerce
15 and Economic Opportunity in accordance with rules adopted by
16 the Department of Commerce and Economic Opportunity. Grants
17 issued under the Section may be for a period of 2 years. An
18 eligible entity issued a grant under this Sections shall be
19 eligible for more than one such grant, but no more than one
20 grant annually, for the purpose of hiring and retaining
21 Experts in Residence; however, such entity may maintain more
22 than one grant at any given time.

23 (b) Subject to appropriation, moneys in the Fund shall be
24 used for providing grants to laboratories and research
25 institutions for the purpose of hiring and retaining in-house

1 specialists, to be known as experts in residence, with the
2 knowledge and experience in moving industrial biotechnology
3 products through the development phase.

4 (c) To be eligible for grants provided from the Fund, an
5 entity must be a State-sponsored, university-affiliated
6 laboratory or research institution conducting collaboratives
7 or for-hire research in the development of biorenewable
8 chemicals, bio-based polymers, materials, novel feeds, or
9 additional value added biorenewables. Eligible entities must
10 also establish that the Expert-In-Residence they seek to hire
11 or retain using the grant funds possesses expertise in
12 fermentation engineering, process engineering, catalytic
13 engineering, analytical chemistry, or is a scale-up
14 specialist.

15 (d) On or before January 31 of the next calendar year to
16 occur after the last day of any State fiscal year in which the
17 Department of Commerce and Economic Opportunity receives State
18 funding for the Program under this Section, the Department of
19 Commerce and Economic Opportunity shall submit an annual
20 report to the General Assembly and the Governor on the use of
21 moneys in the Fund. The report shall include, but not be
22 limited to: (i) the number of laboratories or institutions
23 utilizing moneys in the Fund, including the name of such
24 entities; (ii) the number of experts in residence hired by
25 each laboratory or institution; (iii) the expertise or
26 specialty area of each expert in residence hired or retained;

1 and (iv) a summary of the benefit to the economy of the State
2 of Illinois economy in providing the grants.

3 (e) The Department of Commerce and Economic Opportunity
4 shall adopt all rules necessary for the implementation of this
5 Section.

6 (30 ILCS 105/6z-131 new)

7 Sec. 6z-131. Industrial Biotechnology Capital Maintenance
8 Fund.

9 (a) The Industrial Biotechnology Capital Maintenance Fund
10 is created as a special fund in the State treasury and may
11 receive funds from any source, public or private, including
12 from moneys appropriated for use by the Department of Commerce
13 and Economic Opportunity and laboratories and institutions
14 conducting industrial biotechnology research.

15 (b) Subject to appropriation, moneys in the Fund shall be
16 used for providing grants to laboratories and research
17 institutions for the purpose of maintenance and repair of
18 capital assets. Such maintenance and repairs of capital assets
19 shall be designed to extend the serviceable life of equipment
20 and buildings and expand the capacity of equipment and
21 buildings by at least 10%. For the purposes of this Section,
22 "capital assets" means equipment or buildings that have a
23 value greater than \$250,000.

24 (c) To be eligible for grants provided from the Fund, an
25 entity must be a State-sponsored, university-affiliated

1 laboratory or research institution conducting collaboratives
2 or for-hire research in the development of biorenewable
3 chemicals, bio-based polymers, materials, novel feeds, or
4 additional value added biorenewables. The Department of
5 Commerce and Economic Opportunity shall determine the
6 disbursement of moneys for the purposes of this Section. Each
7 eligible entity, as a condition of receiving a grant under
8 this Section, shall match up to at least 50% of the moneys to
9 be granted to the entity.

10 (d) On or before January 31 of the next calendar year to
11 occur after the last day of any State fiscal year in which the
12 Department of Commerce and Economic Opportunity receives State
13 funding for the Program under this Section, the Department of
14 Commerce and Economic Opportunity shall submit an annual
15 report to the General Assembly and the Governor on the use of
16 moneys in the Fund. The report shall include, but not be
17 limited to: (i) the name of the institution or laboratory
18 receiving funds; (ii) the capital assets that were maintained
19 or repaired at each institution or laboratory; (iii) the
20 expected usable life extension of each maintained or repaired
21 asset; and (iv) the capacity increase of each maintained or
22 repaired asset.

23 (e) The Department of Commerce and Economic Opportunity
24 shall adopt all rules necessary for the implementation of this
25 Section."