



102ND GENERAL ASSEMBLY

State of Illinois

2021 and 2022

SB1693

Introduced 2/26/2021, by Sen. Scott M. Bennett

SYNOPSIS AS INTRODUCED:

See Index

Creates the Illinois Industrial Biotechnology Partnership Act. Establishes the Industrial Biotechnology Public-Private Partnership as a State-sponsored board consisting of specified members to promote and market Illinois as a destination for research, development, and commercialization for industrial biotechnology. Provides for the appointment of members to the Partnership. Provides requirements concerning meetings and compensation. Provides for administrative and other support to the Partnership. Provides for duties and funding of the Partnership. Provides reporting requirements. Provides for the adoption of rules. Defines terms. Amends the Department of Commerce and Economic Opportunity Law. Creates the Industrial Biotechnology Workforce Development Grant Program. Provides that the Program shall provide grants for the purpose of fostering a well-trained and well-skilled industrial biotechnology workforce. Provides funding and eligibility requirements. Provides reporting requirements. Provides for the adoption of rules. Amends the State Finance Act. Creates the Industrial Biotechnology Human Capital Fund and Industrial Biotechnology Capital Maintenance Fund as special funds in the State treasury for specified purposes. Provides for funding of each Fund. Allows the use of Fund moneys for specified grants. Provides reporting requirements. Provides for the adoption of rules. Amends the Economic Development for a Growing Economy Tax Credit Act. Requires the Department of Commerce and Economic Opportunity to evaluate the tax credit program regarding employment and investment criteria to ensure that the program is applicable to both small startup firms as well as existing companies in the industrial biotechnology field.

LRB102 10886 RJF 16216 b

FISCAL NOTE ACT
MAY APPLY

A BILL FOR

1 AN ACT concerning State government.

2 **Be it enacted by the People of the State of Illinois,**
3 **represented in the General Assembly:**

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

6 Section 5. Purpose. Illinois will actively pursue
7 expansion of the industrial biotechnology and bio-renewables
8 industry. This growing field closely aligns with several key
9 industries, such as agriculture and Ag-Tech, life sciences and
10 healthcare, and manufacturing that the State is pursuing
11 through the 2019 Plan to Revitalize the Illinois Economy and
12 Build the Workforce of the Future. Illinois is well positioned
13 to lead the nation with ample feedstocks, dedicated research
14 facilities, specialized job training programs, and an existing
15 manufacturing base required to lead this industry.
16 Modifications to several existing programs will ensure the
17 State provides the correct aid and incentives to help attract
18 this growing industry.

19 Section 10. Definitions. As used in this Act:

20 "Department" means the Department of Commerce and Economic
21 Opportunity.

22 "Industrial biotechnology" means biotechnology focused on

1 new industrial products and processes. Such products are
2 diverse and include industrial materials, chemicals and
3 solvents, and feed and food. This segment of biotechnology is
4 different from health biotechnology (pharmaceuticals),
5 agricultural biotechnology (transgenic crops), or
6 environmental biotechnology (bioremediation).

7 "Partnership" means the Industrial Biotechnology
8 Public-Private Partnership established under this Act.

9 Section 15. Industrial Biotechnology Public-Private
10 Partnership.

11 (a) There is hereby established the Industrial
12 Biotechnology Public-Private Partnership as a State-sponsored
13 board consisting of members from State agencies, research
14 facilities, industry, and agriculture, to promote and market
15 Illinois as the leading destination for research, development,
16 and commercialization for industrial biotechnology.

17 (b) The Partnership shall consist of the following
18 members:

19 (1) a representative of the Department of Agriculture,
20 appointed by the Director of Agriculture;

21 (2) a representative of the Department of Commerce and
22 Economic Opportunity, appointed by the Director of
23 Commerce and Economic Opportunity;

24 (3) a representative of the Department of Labor,
25 appointed by the Director of Labor;

1 (4) a representative of the National Corn to Ethanol
2 Research Center, appointed by the Director of Commerce and
3 Economic Opportunity;

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

7 (6) a representative of the National Center for
8 Agricultural Utilization Research, appointed by the
9 Director of Commerce and Economic Opportunity;

10 (7) a representative of a State-sponsored,
11 university-affiliated laboratory or research institution
12 conducting industrial biotechnology research, appointed by
13 the Director of Commerce and Economic Opportunity;

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

17 (9) a representative of a grain or oilseed processing
18 company with current facilities located in Illinois,
19 appointed by the Director of Commerce and Economic
20 Opportunity;

21 (10) a representative of IBio, Inc., appointed by the
22 Director of Commerce and Economic Opportunity;

23 (11) a representative of an environmental group
24 committed to biorenewables, appointed by the Director of
25 Commerce and Economic Opportunity; and

26 (12) a representative of a union of operating

1 engineers, appointed by the Director of Commerce and
2 Economic Opportunity.

3 (c) Members of the Partnership shall be appointed within
4 30 days after the effective date of this Act. The Partnership
5 shall meet at least quarterly, and hold its first meeting
6 within 30 days after the appointment of all members. At the
7 first meeting of the Partnership, a Chairperson shall be
8 chosen from among the members. Members of the Partnership
9 shall serve without compensation, but may be reimbursed for
10 any expenses incurred in performing their duties.

11 (d) The Department shall provide administrative and other
12 support to the Partnership.

13 Section 20. Duties. The Partnership shall have the
14 following duties:

15 (1) The Partnership shall develop and direct efforts
16 to attract companies to utilize existing Illinois
17 facilities for research, development, and
18 pre-commercialization activities, including, but not
19 limited to: (i) representing Illinois at biotechnology
20 conferences; (ii) developing promotional and marketing
21 materials in coordination with existing research
22 facilities to use Illinois facilities; and (iii)
23 facilitating meetings for companies that are prospective
24 candidates for establishing a presence in this State.

25 (2) The Partnership shall develop programs to

1 encourage emerging research, development, and
2 commercialization biotechnology companies to locate
3 production facilities in Illinois, including, but not
4 limited to: (i) acting as an information clearinghouse for
5 new companies on all State programs and investment
6 incentives; and (ii) working with local and regional
7 economic development groups.

8 (3) The Partnership shall advise State agencies on the
9 administration of grant programs directed at industrial
10 biotechnology.

11 (4) The Partnership shall submit an annual report of
12 activities of Partnership to the Department, the General
13 Assembly, and the Governor as provided under this Act.

14 Section 25. Funding. The Partnership may receive funding
15 through specific appropriations available for its purposes
16 made to the Department. For any amount appropriated to the
17 Partnership under this Section, any private entity that is a
18 member of the Partnership must contribute project funds on a
19 1:3 ratio basis.

20 Section 30. Reports. On or before January 31 of each year,
21 the Partnership shall submit to the Department, the General
22 Assembly, and the Governor a report describing the use of
23 appropriated funds for purposes including, but not limited to,
24 marketing materials produced, meetings attended, and the

1 hosting of companies visiting this State.

2 Section 35. Rules. The Department shall adopt all rules
3 necessary for the implementation of this Act.

4 Section 100. The Department of Commerce and Economic
5 Opportunity Law of the Civil Administrative Code of Illinois
6 is amended by adding Section 605-1055 as follows:

7 (20 ILCS 605/605-1055 new)

8 Sec. 605-1055. Industrial Biotechnology Workforce
9 Development Grant Program.

10 (a) The Industrial Biotechnology Workforce Development
11 Grant Program is hereby established as a Program to be
12 implemented and administered by the Department. The Program
13 shall provide grants for the purpose of fostering a
14 well-trained and well-skilled industrial biotechnology
15 workforce.

16 (b) Subject to appropriation, grants under the Program
17 shall be awarded on an annual basis as follows:

18 (1) \$1,000,000 for industrial biotechnology
19 apprenticeships or apprenticeship programs;

20 (2) \$500,000 for industrial biotechnology talent
21 pipeline management, to emphasize business-oriented
22 strategies to increase workforce competitiveness, improve
23 workforce diversity, and expand a regional talent pool

1 around high-growth industries;

2 (3) \$500,000 for industrial biotechnology
3 industry-aligned credential (digital badging) expansion,
4 to increase the number of workers with in-demand skills
5 needed to obtain a job or advance within the workplace and
6 for merging competency-based education with responsive
7 workforce training strategies; and

8 (4) \$500,000 for high school and community college
9 industrial biotechnology career pathway and
10 pre-apprenticeship program development.

11 (c) To be eligible for grants provided under the Program,
12 an entity must be either: (i) a State-sponsored,
13 university-affiliated laboratory or research institution
14 conducting collaboratives or for-hire research in the
15 development of biorenewable chemicals, bio-based polymers,
16 materials, novel feeds, or additional value added
17 biorenewables; or (ii) a State-accredited university or
18 community college. An eligible entity must establish that it
19 plans to use grant funds for a purpose specifically provided
20 under subsection (b).

21 (d) The Department of Commerce and Economic Opportunity
22 shall submit an annual report to the General Assembly and the
23 Governor on the use of grant funds under the Program. The
24 Report shall include, but not be limited to: (i) the
25 disbursement of grant funds, categorized by eligible entity;
26 (ii) the number of persons enrolled in or taking advantage of a

1 program established or maintained using grant funds; (iii) the
2 number of persons completing a program established or
3 maintained using grant funds; and (iv) the number of person
4 gaining employment in the industrial biotechnology industry
5 following completion of a program established or maintained
6 using grant funds.

7 (e) The Department shall adopt all rules necessary for the
8 implementation and administration of the Program under this
9 Section.

10 Section 105. The State Finance Act is amended by adding
11 Sections 6z-124 and 6z-125 as follows:

12 (30 ILCS 105/6z-124 new)

13 Sec. 6z-124. Industrial Biotechnology Human Capital Fund.

14 (a) The Industrial Biotechnology Human Capital Fund is
15 created as a special fund in the State treasury and may receive
16 funds from any source, public or private, including moneys
17 appropriated for use by the Department of Commerce and
18 Economic Opportunity and laboratories and institutions
19 conducting industrial biotechnology research. The funding
20 allocation for the Fund shall be no less than \$1,000,000 per
21 year.

22 (b) Moneys in the Fund shall be used for providing grants
23 to laboratories and research institutions for the purpose of
24 hiring and retaining in-house specialists, to be known as

1 Experts-In-Residence, with the knowledge and experience in
2 moving industrial biotechnology products through the
3 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) The Department of Commerce and Economic Opportunity
16 shall submit an annual report to the General Assembly and the
17 Governor on the use of moneys in the Fund. The Report shall
18 include, but not be limited to: (i) the number of laboratories
19 or institutions utilizing moneys in the Fund, including the
20 name of such entities; (ii) the number of Experts-In-Residence
21 hired by each laboratory or institution; (iii) the expertise
22 or specialty area of each Expert-In-Residence for which he or
23 she was hired or retained; and (iv) a summary of the benefit to
24 the economy of the State of Illinois economy in providing the
25 grants.

26 (e) The Department of Commerce and Economic Opportunity

1 shall adopt all rules necessary for the implementation of this
2 Section.

3 (30 ILCS 105/6z-125 new)

4 Sec. 6z-125. Industrial Biotechnology Capital Maintenance
5 Fund.

6 (a) The Industrial Biotechnology Capital Maintenance Fund
7 is created as a special fund in the State treasury and may
8 receive funds from any source, public or private, including
9 from moneys appropriated for use by the Department of Commerce
10 and Economic Opportunity and laboratories and institutions
11 conducting industrial biotechnology research. The funding
12 allocation for the Fund shall be no less than \$1,000,000 per
13 year.

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

22 (c) To be eligible for grants provided from the Fund, an
23 entity must be a State-sponsored, university-affiliated
24 laboratory or research institution conducting collaboratives
25 or for-hire research in the development of biorenewable

1 chemicals, bio-based polymers, materials, novel feeds, or
2 additional value added biorenewables. The Department of
3 Commerce and Economic Opportunity, in consultation with the
4 Industrial Biotechnology Public-Private Partnership, shall
5 determine the disbursement of moneys for purposes of this
6 Section.

7 (d) The Department of Commerce and Economic Opportunity
8 shall submit an annual report to the General Assembly and the
9 Governor on the use of moneys in the Fund. The Report shall
10 include, but not be limited to: (i) the name of the institution
11 or laboratory receiving funds; (ii) the capital assets that
12 were maintained or repaired at each institution or laboratory;
13 (iii) the expected useable life extension of each maintained
14 or repaired asset; and (iv) the capacity increase of each
15 maintained or repaired asset.

16 (e) The Department of Commerce and Economic Opportunity
17 shall adopt all rules necessary for the implementation of this
18 Section.

19 Section 110. The Economic Development for a Growing
20 Economy Tax Credit Act is amended by changing Section 5-75 as
21 follows:

22 (35 ILCS 10/5-75)

23 Sec. 5-75. Evaluation of tax credit program.

24 (a) On a biennial basis, the Department shall evaluate the

1 tax credit program. The evaluation shall include an assessment
2 of the effectiveness of the program in creating new jobs in
3 Illinois and of the revenue impact of the program, and may
4 include a review of the practices and experiences of other
5 states with similar programs. The Director shall submit a
6 report on the evaluation to the Governor and the General
7 Assembly after June 30 and before November 1 in each
8 odd-numbered year.

9 (b) As soon as practicable after the effective date of
10 this amendatory Act of the 102nd General Assembly, the
11 Department shall evaluate the tax credit program regarding
12 employment and investment criteria to ensure that the program
13 is applicable to both small startup firms as well as existing
14 companies in the industrial biotechnology field.

15 (Source: P.A. 91-476, eff. 8-11-99.)

1 INDEX

2 Statutes amended in order of appearance

3 New Act

4 20 ILCS 605/605-1055 new

5 30 ILCS 105/6z-124 new

6 30 ILCS 105/6z-125 new

7 35 ILCS 10/5-75