

FIAM Proxy Voting Guidelines

January 2017

I. General Principles

- A. Voting of shares will be conducted in a manner consistent with the best interests of clients. In other words, securities of a portfolio company will generally be voted in a manner consistent with the Guidelines and without regard to any other FIAM or Fidelity companies' relationship, business or otherwise. In evaluating proposals, FIAM considers information from a number of sources, including management or shareholders of a company presenting a proposal and proxy voting advisory firms, and uses all this information as an input within the larger mix of information to which the Guidelines are applied.
- B. FMR Investment Proxy Research votes proxies on behalf of FIAM's clients. Execution of FIAM Proxy Votes is delegated to FMR Investment Proxy Research. Like other Fidelity employees, Investment Proxy Research employees have a fiduciary duty to never place their own personal interest ahead of the interests of FIAM's clients. Fidelity employees, including Investment Proxy Research employees, are instructed to avoid situations that could present even the appearance of a conflict. In the event of a conflict of interest, Fidelity employees will follow the escalation process included in Fidelity's corporate policy on conflicts of interest.
- C. For proposals not covered by the Guidelines or that involve other special circumstances, FIAM evaluates them on a case-by-case basis with input from the appropriate analyst or portfolio manager with review by an attorney within FMR's General Counsel's office, senior management of Fidelity Asset Management, and a member of senior management within FMR Investment Proxy Research.
- D. FIAM will vote on proposals not specifically addressed by the Guidelines based on an evaluation of a proposal's likelihood to enhance the long-term economic returns or profitability of the portfolio company or to maximize long-term shareholder value. Where information is not readily available to analyze the long-term economic impact of the proposal, FIAM will generally abstain.
- E. Many FIAM accounts invest in voting securities issued by companies that are domiciled outside the United States and are not listed on a U.S. securities exchange. Corporate governance standards, legal or regulatory requirements and disclosure practices in foreign countries can differ from those in the United States. When voting proxies relating to non-U.S. securities, FIAM will generally evaluate proposals in the context of the Guidelines and where applicable and feasible, take into consideration differing laws, regulations and practices in the relevant foreign market in determining how to vote shares.
- F. In certain non-U.S. jurisdictions, shareholders voting shares of a portfolio company may be restricted from trading the shares for a period of time around the shareholder meeting date. Because such trading restrictions can hinder portfolio management and could result in a loss of liquidity for a client, FIAM will generally not vote proxies in circumstances where such restrictions apply. In addition, certain non-U.S. jurisdictions require voting shareholders to disclose current share ownership on a fund-by-fund basis. When such disclosure requirements apply, FIAM will generally not vote proxies in order to safeguard fund holdings information.
- G. Where a management-sponsored proposal is inconsistent with the Guidelines, FIAM may receive a company's commitment to modify the proposal or its practice to conform to the Guidelines, and FIAM will generally support management based on this commitment. If a company subsequently does not abide by its commitment, FIAM will generally withhold authority for the election of directors at the next election.

II. Definitions (as used in this document)

- A. Anti-Takeover Provision – includes fair price amendments; classified boards; "blank check" preferred stock; Golden Parachutes; supermajority provisions; Poison Pills; restricting the right to call special meetings; provisions restricting the right of shareholders to set board size; and any other provision that eliminates or limits shareholder rights.

FIAM Proxy Voting Guidelines

- B. Golden Parachute – Employment contracts, agreements, or policies that include an excise tax gross-up provision; single trigger for cash incentives; or may result in a lump sum payment of cash and acceleration of equity that may total more than three times annual compensation (salary and bonus) in the event of a termination following a change in control.
- C. Greenmail – payment of a premium to repurchase shares from a shareholder seeking to take over a company through a proxy contest or other means.
- D. Sunset Provision – a condition in a charter or plan that specifies an expiration date.
- E. Poison Pill – a strategy employed by a potential take-over / target company to make its stock less attractive to an acquirer. Poison Pills are generally designed to dilute the acquirer’s ownership and value in the event of a take-over.
- F. Large-Capitalization Company – a company included in the Russell 1000® Index or the Russell Global ex-U.S. Large Cap Index.
- G. Small-Capitalization Company – a company not included in the Russell 1000® Index or the Russell Global ex-U.S. Large Cap Index that is not a Micro-Capitalization Company.
- H. Micro-Capitalization Company – a company with market capitalization under US \$300 million.
- I. Evergreen Provision – a feature which provides for an automatic increase in the shares available for grant under an equity award plan on a regular basis.

III. Directors

A. Election of Directors

FIAM will generally vote in favor of incumbent and nominee directors except where one or more such directors clearly appear to have failed to exercise reasonable judgment. FIAM will also generally withhold authority for the election of all directors or directors on responsible committees if:

1. An Anti-Takeover Provision was introduced, an Anti-Takeover Provision was extended, or a new Anti-Takeover Provision was adopted upon the expiration of an existing Anti-Takeover Provision, without shareholder approval except as set forth below.

With respect to Poison Pills, however, FIAM will consider not withholding authority on the election of directors if all of the features outlined under the Anti-Takeover Provisions below are met when a Poison Pill is introduced, extended, or adopted.

FIAM will also consider not withholding authority on the election of directors when:

- a. FIAM determines that the Poison Pill was narrowly tailored to protect a specific tax benefit, and subject to an evaluation of its likelihood to enhance long-term economic returns or maximize long-term shareholder value; or
 - b. One or more of the features outlined under the Anti-Takeover Provisions below are not met if a board is willing to strongly consider seeking shareholder ratification of, or adding those features to an existing Poison Pill. In such a case, if the company does not take appropriate action prior to the next annual shareholder meeting, FIAM will withhold authority on the election of directors.
2. Within the last year and without shareholder approval, a company’s board of directors or compensation committee has repriced outstanding options, exchanged outstanding options for equity, or tendered cash for outstanding options.
 3. Within the last year and without shareholder approval, a company’s board of directors or compensation committee has adopted or extended a Golden Parachute.
 4. The company has not adequately addressed concerns communicated by FIAM in the process of discussing executive compensation.
 5. To gain FIAM’ support on a proposal, the company made a commitment to modify a proposal or practice to conform to the Guidelines and the company has failed to act on that commitment.
 6. The director attended fewer than 75% of the aggregate number of meetings of the board and its committees on which the director served during the company’s prior fiscal year, absent extenuating circumstances.
 7. The board is not composed of a majority of independent directors.

FIAM Proxy Voting Guidelines

B. Contested Director Elections

FIAM believes that strong management creates long-term shareholder value and we generally support management of companies in which the funds' assets are invested. FIAM will vote on a case-by-case basis in contested director elections, taking into account factors such as management's track record and strategic plan for enhancing shareholder value; the long-term performance of the target company compared to its industry peers; the qualifications of the shareholder's and management's nominees; and other factors. Ultimately, FIAM will vote for the outcome it believes has the best prospects for maximizing shareholder value over the long term.

C. Indemnification

FIAM will generally vote in favor of charter and by-law amendments expanding the indemnification of directors and/or limiting their liability for breaches of care unless FIAM is otherwise dissatisfied with the performance of management or the proposal is accompanied by Anti-Takeover Provisions.

D. Independent Chairperson

FIAM will generally vote against shareholder proposals calling for or recommending the appointment of a non-executive or independent chairperson. However, FIAM will consider voting for such proposals in limited cases if, based upon particular facts and circumstances, appointment of a non-executive or independent chairperson appears likely to further the interests of shareholders and to promote effective oversight of management by the board of directors.

E. Majority Voting in Director Elections

FIAM will generally vote in favor of proposals calling for directors to be elected by an affirmative majority of votes cast in a board election, provided that the proposal allows for plurality voting standard in the case of contested elections (i.e., where there are more nominees than board seats). FIAM may consider voting against such shareholder proposals where a company's board has adopted an alternative measure, such as a director resignation policy, that provides a meaningful alternative to the majority voting standard and appropriately addresses situations where an incumbent director fails to receive the support of a majority of the votes cast in an uncontested election.

F. Proxy Access

FIAM will evaluate management and shareholder proposals to adopt proxy access on a case-by-case basis, but generally will vote in favor of proposals that include ownership thresholds of at least 3% (5% in the case of Small-Capitalization Companies); holding periods of at least three years; establish the number of directors that eligible shareholders may nominate as 20% of the board; and limit to 20 the number of shareholders that may form a nominating group.

IV. Compensation

A. Executive Compensation

1. Advisory votes on executive compensation (Say on Pay)

- a. FIAM will generally vote for proposals to ratify executive compensation unless such compensation appears misaligned with shareholder interests or otherwise problematic, taking into account:
 - (i) The actions taken by the board or compensation committee in the previous year, including whether the company repriced or exchanged outstanding stock options without shareholder approval; adopted or extended a Golden Parachute without shareholder approval; or adequately addressed concerns communicated by FIAM in the process of discussing executive compensation;
 - (ii) The alignment of executive compensation and company performance relative to peers; and
 - (iii) The structure of the compensation program, including factors such as whether incentive plan metrics are appropriate, rigorous and transparent; whether the long-term element of the compensation program is evaluated over at least a three-year period; the sensitivity of pay to below median performance; the amount and nature of non-performance-based compensation; the justification and rationale behind paying discretionary bonuses; the use of stock ownership guidelines and amount of executive stock ownership; and how well elements of compensation are disclosed.

FIAM Proxy Voting Guidelines

b. FIAM will generally vote against proposals to ratify Golden Parachutes.

2. Advisory vote on frequency of Say on Pay votes

When presented with a frequency of Say on Pay vote, FIAM will generally support holding an annual advisory vote on Say on Pay.

B. Equity Compensation Plans

FIAM will generally vote against equity compensation plans or amendments to authorize additional shares under such plans if:

1. (a) The company's average three year burn rate is greater than 1.5 % for a Large- Capitalization Company, 2.5% for a Small-Capitalization Company or 3.5% for a Micro- Capitalization Company; and (b) there were no circumstances specific to the company or the plans that lead FIAM to conclude that the burn rate is acceptable.
2. In the case of stock option plans, (a) the offering price of options is less than 100% of fair market value on the date of grant, except that the offering price may be as low as 85% of fair market value if the discount is expressly granted in lieu of salary or cash bonus; (b) the plan's terms allow repricing of underwater options; or (c) the board/committee has repriced options outstanding under the plan in the past two years without shareholder approval.
3. The plan includes an Evergreen Provision.
4. The plan provides for the acceleration of vesting of equity compensation even though an actual change in control may not occur.

C. Equity Exchanges and Repricing

FIAM will generally vote in favor of a management proposal to exchange, reprice or tender for cash, outstanding options if the proposed exchange, repricing, or tender offer is consistent with the interests of shareholders, taking into account such factors as:

1. Whether the proposal excludes senior management and directors;
2. Whether the exchange or repricing proposal is value neutral to shareholders based upon an acceptable pricing model;
3. The company's relative performance compared to other companies within the relevant industry or industries;
4. Economic and other conditions affecting the relevant industry or industries in which the company competes; and
5. Any other facts or circumstances relevant to determining whether an exchange or repricing proposal is consistent with the interests of shareholders.

D. Employee Stock Purchase Plans

FIAM will generally vote in favor of employee stock purchase plans if the minimum stock purchase price is equal to or greater than 85% of the stock's fair market value and the plan constitutes a reasonable effort to encourage broad based participation in the company's equity. In the case of non-U.S. company stock purchase plans, FIAM may permit a lower minimum stock purchase price equal to the prevailing "best practices" in the relevant non-U.S. market, provided that the minimum stock purchase price must be at least 75% of the stock's fair market value.

E. Bonus Plans and Tax Deductibility Proposals

FIAM will generally vote in favor of cash and stock incentive plans that seek shareholder approval to qualify for favorable tax treatment under Section 162(m) of the Internal Revenue Code.

V. Anti-Takeover Provisions

FIAM will generally vote against a proposal to adopt or approve the adoption of an Anti-Takeover Provision unless:

A. In the case of a Poison Pill, it either:

1. Includes the following features:
 - a. A Sunset Provision of no greater than five years;
 - b. Links to a business strategy that is expected to result in greater value for the shareholders;

FIAM Proxy Voting Guidelines

- c. Requires shareholder approval to be reinstated upon expiration or if amended;
 - d. Contains a mechanism to allow shareholders to consider a bona fide takeover offer for all outstanding shares without triggering the Poison Pill; and
 - e. Allows Fidelity to hold an aggregate position of up to 20% of a company's total voting securities and of any class of voting securities; or
2. Is crafted only for the purpose of protecting a specific tax benefit and after evaluating the proposal based on its likelihood to enhance long-term economic returns or maximize long-term shareholder value.

FIAM will generally vote in favor of a proposal to eliminate an Anti-Takeover Provision unless:

- B. In the case of shareholder proposals regarding shareholders' right to call special meetings, FIAM generally will vote against each proposal if the threshold required to call a special meeting is less than 25% of the outstanding stock.
- C. In the case of proposals regarding shareholders' right to act by written consent, FIAM will generally vote against each proposal if it does not include appropriate mechanisms for implementation including, among other things, record date requests from at least 25% of the outstanding shareholders and consents must be solicited from all shareholders.
- D. In the case of proposals regarding supermajority provisions, FIAM may vote to support such a provision when FIAM determines that it may protect minority shareholder interests in companies where there is a substantial or dominant shareholder.

VI. Capital Structure / Incorporation

A. Increases in Common Stock

FIAM will generally vote against a provision to increase a company's authorized common stock if such increase will result in a total number of authorized shares greater than three times the current number of outstanding and scheduled to be issued shares, including stock options.

However, in the case of real estate investment trusts (REIT), FIAM will generally vote against a provision to increase the REIT's authorized common stock if the increase will result in a total number of authorized shares up to five times the current number of outstanding and scheduled to be issued shares.

B. Reverse Stock Splits

FIAM will generally vote in favor of reverse stock splits as long as the post-split authorized shares is no greater than three times the post-split number of outstanding and scheduled to be issued shares, including stock awards, or in the case of real estate investment trusts the number of post-split authorized shares is not greater than five times the post-split number of outstanding and scheduled to be issued shares.

C. Multi-Class Share Structures

FIAM will generally vote in favor of proposals to recapitalize multi-class share structures into structures that provide equal voting rights for all shareholders, and will generally vote against proposals to introduce or increase classes of stock with differential voting rights. However, FIAM will evaluate all such proposals in the context of their likelihood to enhance long-term economic returns or maximize long-term shareholder value.

D. Cumulative Voting Rights

FIAM will generally vote against the introduction and in favor of the elimination of cumulative voting rights.

E. Acquisition or Business Combination Statutes

FIAM will generally vote in favor of proposed amendments to a company's certificate of incorporation or by-laws that enable the company to opt out of the control shares acquisition or business combination statutes.

FIAM Proxy Voting Guidelines

F. Incorporation or Reincorporation in Another State or Country

FIAM will generally vote for management proposals calling for, or recommending that, a portfolio company reincorporate in another state or country if, on balance, the economic and corporate governance factors in the proposed jurisdiction appear reasonably likely to be better aligned with shareholder interests, taking into account the corporate laws of the current and proposed jurisdictions and any changes to the company's current and proposed governing documents.

FIAM will consider supporting such shareholder proposals in limited cases if, based upon particular facts and circumstances, remaining incorporated in the current jurisdiction appears misaligned with shareholder interests.

VII. Shares of Fidelity Funds, ETFs, or other non-Fidelity Mutual Funds and ETFs

- A. If applicable, when a FIAM account invests in an underlying Fidelity Fund with public shareholders, an exchange traded fund (ETF), or non-affiliated fund, FIAM will vote in the same proportion as all other voting shareholders of the underlying fund ("echo voting"). FIAM may choose not to vote if "echo voting" is not operationally practical.
- B. Certain FIAM accounts may invest in shares of underlying Fidelity Funds that do not have public shareholders. For Fidelity Funds without public shareholders that are managed by FMR or an affiliate, FIAM will generally vote in favor of proposals recommended by the underlying funds' Board of Trustees.

VIII. Other

A. Voting Process

FIAM will generally vote in favor of proposals to adopt confidential voting and independent vote tabulation practices.

B. Environmental and Social Issues

FIAM generally will vote in a manner consistent with management's recommendation on shareholder proposals concerning environmental or social issues, as it generally believes that management and the board are in the best position to determine how to address these matters. In certain cases, however, Fidelity may support shareholder proposals that request additional disclosures from companies regarding environmental or social issues, where it believes that the proposed disclosures could provide meaningful information to the investment management process without unduly burdening the company.

For example, FIAM may support shareholder proposals calling for reports on sustainability, renewable energy, and environmental impact issues. FIAM also may support proposals on issues such as equal employment, and board and workforce diversity.